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# CONSOLIDATED TRANSLATION SURVEY

Number 37.

⑪  
JANUARY 1961

⑩ 218 p.

Prepared by

Foreign Documents Division  
CENTRAL INTELLIGENCE AGENCY  
2430 E St, N. W., Washington 25, D. C.

141 3 40

CONSOLIDATED TRANSLATION SURVEY

FOR JANUARY 1961

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## CONSOLIDATED TRANSLATION SURVEY

An author index to items in this issue is appended.

★ This Survey is prepared monthly by Foreign Documents Division, CIA, from lists received through cooperation of US government agencies and includes translations of such agencies, private industry, universities, research institutions and commercial translation organizations. It is a compilation of foreign documentary projects, completed or started during the month preceding this publication. )

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Some of the above details may be unavailable on projects listed "in process." New projects in process will be listed only once, their subsequent listing being made when they are reported completed. Projects in process, i.e., not completed as of the date of this Survey, are noted with an asterisk (\*), and when available, a project-control or "in-process" number is noted in parentheses following the title.

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ACSIL

Admiralty Center for Scientific Information and Liaison  
Queen Anne's Mansions  
St James Park  
London, SW 1, England

Acta Metallurgica

122 East 55th Street  
New York 22, New York

AEC - Atomic Energy Commission (see Department of Commerce)

AEI

Associated Electrical Industries  
Research Laboratory  
Aldermaston Court  
Aldermaston, Berkshire, England

AERE Harwell Lib

The Librarian  
AERE, Ministry of Supply  
Harwell, Didcot, Birks  
England

AF

Department of Air Force  
Collection and Dissemination  
Assistant Chief of Staff, Intelligence  
ATTN: AFCIN 1B3  
Washington 25, DC

AGI

American Geological Institute  
2101 Constitution Avenue, NW  
Washington 25, DC

AGS

American Geographical Society  
Broadway at 156th Street  
New York 32, New York

AGU

American Geophysical Union  
1515 Massachusetts Avenue, NW  
Washington 15, DC

AIBS

American Institute of Biological Sciences  
2000 P Street, NW  
Washington 6, DC

AIP

American Institute of Physics  
335 East 45th Street  
New York 17, New York

Aluminium Lab, Ltd

The Aluminium Laboratories, Ltd  
Banbury  
Oxfordshire, England

Amer Meteorol Soc, AF Cambridge Res Center

Armed Services Technical Information Agency (ASTIA)  
Arlington Hall Station  
Arlington 12, Virginia

AMS - Army Map Service (see ACSI)

APL - Applied Physics Laboratory (see Navy)

ARDEN

Yves R. Arden  
Technical Translation Service  
2, Snaithing Lane  
Ranmoor, Sheffield, 10, England

ARS

American Rocket Society  
500 Fifth Avenue  
New York 36, New York

ASLIB

Association of Special Libraries and Information Bureau  
4 Palace Gate  
London W 8, England

ATIC - Aerospace Technical Intelligence Center (see AF)

ATS

Associated Technical Services  
PO Box 271  
East Orange, New Jersey

BCRA

British Ceramic Research Association  
Queen's Road  
Penkhull  
Alvechurch, Birmingham  
England

BICTR

British Iron and Coal Trades Review  
Industrial Newspaper Limited  
17 John Adam Street  
Aldelphi, London WC 2, England

BISI

British Iron and Steel Institute  
4 Grosvenor Gardens  
London SW 1, England

BTC

The Library Research Department  
British Transport Commission  
(British Railways Division)  
London Road, Derby, England

Bureau of Census  
Foreign Manpower Research Office  
General Federal Office Building 3  
Suitland, Maryland

Bureau of Reclamation  
Technical Library  
Denver, Colorado

BuShips - Bureau of Ships (see Navy)

BWRA

British Welding Research Association  
Abington Hall, Abington  
Cambridge, England

CB

Consultants Bureau, Inc  
227 West 17th Street  
New York 11, New York

Cleaver-Hume Press Ltd  
31 Wright's Lane  
London, W 8, England

Columbia Tech

Columbia Technical Translations  
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Co-op Tr Sch - Co-operative Translation Scheme (see Sci Mus Lib)

Corps of Engr (see ACSI)

CSIR

The Head  
Information Division  
Council for Scientific and Industrial Research  
PO Box 395  
Pretoria, Africa

CSIRO

Commonwealth Scientific and Industrial Research Organization  
314 Albert Street  
East Melbourne, C 2, Victoria  
Australia

CTRA

The Coal Tar Research Association  
Oxford Road  
Gomersal, Leeds

Department of Commerce  
Office of Technical Services  
Washington 25, DC

Department of Interior  
Library  
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Department of State  
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132 State Annex 1  
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DSI (British)

Ministry of Supply  
TIL.1(b)  
Leysdown Road  
Motttingham  
London SE 9, England

DSIR

Department of Scientific and Industrial Research  
Records Section  
Charles House  
5-11 Regent Street  
London SW 1, England

DSIR LLU

Department of Scientific and Industrial Research  
Lending Library Unit  
20 Chester Terrace  
London NW 1, England

DTMB - David Taylor Model Basin (see Navy)

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London, N.4, England

EIS

Engineering Information Services  
Kirkham,  
Preston  
Lancashire, England

Engr Res & Devel Lab (see ACSI)

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525th MI Gp - 525th Military Intelligence Group (see ACSI)

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Buckinghamshire, England

Geochem Soc

Prof E. Wm. Heinrich  
Mineralogical Laboratory  
University of Michigan  
Ann Arbor Michigan

HB

Henry Bratcher Technical Translations  
PO Box 157  
Altadena, California

HO - Hydrographics Office (see Navy)

LASA

International Arts and Sciences Press  
33 West 42d Street  
New York 36, New York

ID - Intelligence Document (see ACSI)

IGC - International Geophysical Cooperation (see Department of Commerce)

Infosearch Ltd

Infosearch Ltd  
242 Willesden Lane  
London, NW 10, England

Interntl Coop Admin

International Cooperation Administration  
Office of Statistics and Reports  
State Annex 1  
Washington 25, DC

Interntl Phys Index

International Physical Index, Inc  
1909 Park Avenue  
New York 35, New York

Interscience Publishers Inc  
250 Fifth Avenue  
New York 1, New York

ISA

Instrument Society of America  
313 Sixth Avenue  
Pittsburgh 22, Pennsylvania



JPLAI

Jet Propulsion Laboratory, Astronautics Information  
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Joint Publications Research Service  
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Washington 25, DC

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Language Service Bureau  
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LLU Tr Bul

Her Majesty's Stationery Office  
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Maritime Administration  
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GAO, 5th and G Streets, NW  
Washington, DC

MDF

Morris D. Friedman, Inc  
Foreign Technical Translations  
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MEB

Mark E. Burgunker  
541 West 113th Street  
New York 25, New York

MT

M. De O. Tollemache  
The Old Rectory  
Lewknor, Oxon  
England

NASA

National Aeronautics and Space Administration  
1512 H Street, NW  
Washington 25, DC

National Bureau of Standards  
ATTN: Dr Henry Birnbaum  
Room 314, South Building  
Washington 25, DC

Navy

Department of Navy  
Office of Naval Intelligence  
Washington 25, DC

NIH

Department of Health, Education, and Welfare  
National Institutes of Health  
Librarian  
Bethesda 14, Maryland

NRCC

National Research Council  
Library  
Ottawa 2, Canada

NRL - Naval Research Laboratory (see Navy)

Oliver & Boyd Ltd  
Tweeddale Court  
14 High Street  
Edinburgh 1, England

ONI - Office of Naval Intelligence (see Navy)

OSA

Optical Society of America  
121 Lincoln Avenue  
Rochester, New York

OTIA - Ordnance Technical Intelligence Agency (see ACSI)

Patent Office  
Scientific Library  
14th and Constitution Avenue, NW  
Washington, DC

OTS - Office of Technical Services (see Dept of Commerce)

PERA

The Information Manager  
Production Engineering Research Association  
Melton Mowbray  
Leicestershire, England

PP

Pergamon Press  
122 East 55th Street  
New York 22, New York

PS

Primary Sources  
11 Bleecker Street  
New York 12, New York

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The Research Association of British Rubber Manufacturers  
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RAE

Royal Aircraft Establishment  
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Santa Monica, California

Rev of Russian Geol

Review of Russian Geology  
Box 6665, College Station  
Duke University  
Durham, North Carolina

RIS

Research Information Service  
40 East 23rd Street  
New York 10, New York

Sci Mus Lib

Science Museum Library  
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London SW 7, England

SIAM

Society for Industrial and Applied Mathematics  
Box 7541  
Philadelphia 1, Pennsylvania

SMRE

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The Librarian  
Research Laboratory  
Portobello Street  
Sheffield, England

Taylor & Francis, Ltd  
Subscription Department  
18 Red Lion Court  
Fleet Street  
London EC 4, England

Thornton Res Centre

The Thornton Research Centre  
OPD Dept 12, Finsbury Circus  
London EC 2, England

319th MI Bn - 319th Military Intelligence Battalion (see ACSI)

TIL - Technical Information Library (see DSI British)

TMS - Translation Miscellaneous Series (see BISI)

UK AEA

United Kingdom Atomic Energy Authority  
Development and Engineering Group  
Risley, Warrington, Lancs

USACRAPAC, PD - US Army Command Reconnaissance Activities Pacific  
Command (see ACSI)

USASIA - US Army Signal Intelligence Agency (see ACSI)

USDA

Department of Agriculture  
Foreign Agricultural Service  
Room 5506  
14th and Independence Avenue, NW  
Washington 25, DC

USRL - US Research Laboratory (see Navy)

P R O J E C T S   R E P O R T E D  
F O R   J A N U A R Y   1 9 6 1

USSR

Economic

Labor Contract Between Aviation Workers and the Chief of Dzhusaly Airport, 15 pp.  
RUSSIAN, doc, 1959.

AF 1436596

General Information on the Role of the Main Administration of the Civil Air Fleet of the USSR, by Danilychev, 5 pp.  
RUSSIAN, paper, 1 Oct 1960.

AF 1436608

Transportation Service of the Civil Air Fleet of the USSR, 9 pp.  
RUSSIAN, paper.

AF 1436609

Economics of the USSR Construction Industry, by I. D. Krasnov, (DC-5146).  
RUSSIAN, bk, Ekonomika Stroitel'noy Industrii SSSR, 1960, pp 32-49, 71-100, 101-129, 287-316.

\*JPRS

1958 Statistical Yearbook on the National Economy of the USSR, 818 pp.  
RUSSIAN, monograph, Narodnoye Khozyaystvo SSSR v 1958 Godu. Statisticheskiy Yezhegodnik, 1959, pp 1-959.

JPRS 6404

Outlines of Labor Statistics, by Ya. D. Kats, (SF-1388).  
RUSSIAN, bk, Ocherki Statistiki Truda, 1960, pp 1-212.

\*JPRS

Operational Accounting in USSR Foreign Trade, by V. T. Zoloyev, 202 pp.  
RUSSIAN, bk, Operativnyy Uchet Vneshney Torgovli SSSR, 1959, pp 3-172.

JPRS 4300

Organizing and Planning the Marketing of Industrial Products in the USSR, by P. V. Smirnov, R. B. Tarasyants, 177 pp.  
RUSSIAN, bk, Organizatsiya i Planirovaniye Sbyta Promyshlennoy Produktsii v SSSR, 1960, pp 1-113.

JPRS 7457

USSR  
Economic (Contd)

Further Development of Communications, by  
Ye. F. Rudoy, T. I. Lazarenko, 7 pp.  
RUSSIAN, monograph, Razvitiye Transporta i  
Svyazi v SSSR, 1960, pp 104-111.

JPRS 6408

Handbook on Machine-Building Materials, Vol II,  
Ferrous Metals and Their Alloys, by A. N.  
Zelikman, I. P. Kislaykov, 210 pp.  
RUSSIAN, bk, Spravochnik po Mashinostroitel'nyim  
Materialam, Tsvetnyye Metally i ikh Splavy,  
Vol II, 1959, pp 446-490, 501-527, 571-614.

ATIC MCL-681/1

Textbook for the Individual Branches of  
Statistics, by R. Eidel'man (DC-5091).  
RUSSIAN, bk, Uchebnoye Posobiye po Otde'lynye  
Otraslyam Statistiki, 1958, pp 278-341.

\*JPRS

The New Wage System for Motor Transport  
Workers, by A. Semenov, (DC-4700/4).  
RUSSIAN, per, Avtomobil Transport, No 11,  
1960, pp 32-38.

\*JPRS

Concerning Norms and Technical Conditions of  
Planning 1524-mm Gauge Railroads for the  
USSR Rail Network, (NY-5100/4).  
RUSSIAN, per, Byul Stroitel Tekh, No 12,  
1960, pp 6-9.

\*JPRS

KKKh-3 and KKKh-2 Corn Harvesting Combines,  
by D. F. Tsedrik, F. A. Nyzhnyk, 4 pp.  
RUSSIAN, per, Byul Tekh-Ekon Informat,  
No 4, 1960, pp 53-56.

JPRS 6473

Further Development of Trade, by P. Novoselov,  
(DC-5050/2).  
RUSSIAN, per, Den'gi i Kredit, No 11, 1960,  
pp 5-9.

\*JPRS

Development of Motor Transport and Highway  
Construction in the Ukrainian SSR During  
the Seven-Year Plan, by M. Dovgal', 9 pp.  
RUSSIAN, per, Ekon Radyanskoy Ukrainy,  
No 4, Jul/Aug 1960, pp 39-44.

JPRS 7199

USSR  
Economic (Contd)

The Reserves of the Cost Reduction of Animal Products in Belorussian Sovkhozes, by I. Kachuro, A. Semyazhko, (DC-2700/46).  
RUSSIAN, per, Ekonom Sel'skogo Khoz, No 7, 1960, pp 83-89.

\*JPRS

Economic Effectiveness of the New Organization of Material-Technical Supply of Kolkhozes and Sovkhozes, by V. Alfer'ev, M. Vayner, 9 pp.  
RUSSIAN, per, Ekonom Sel'skogo Khoz, No 9, 1960, pp 43-48.

JPRS 6407

New Haying Machines, by A. Ivanov, (DC-2700/45).  
RUSSIAN, per, Ekonom Sel'skogo Khoz, No 9, 1960, pp 66-72.

\*JPRS

The Correct Determination of Labor Productivity, by D. Dumnov, (DC-4700/5).  
RUSSIAN, per, Ekonom Sel'skogo Khoz, No 12, 1960, pp 95-101.

\*JPRS

The Effectiveness of Synthetic Lightweight Concrete Aggregates, by M. Strizhevskiy, 9 pp.  
RUSSIAN, per, Ekonomika Stroitel, No 8, 1960, pp 13-17.

JPRS 7414

Accounting for the Inter-System Effect in Designing Large Power Transmission Lines, by V. V. Bolotov, G. Ye. Burtseva, Ye. P. Zakharova, 15 pp.  
RUSSIAN, per, Elektrichestvo, No 8, 1960, pp 16-22.

JPRS 6387

Quickly Eliminate Defects in the VL-23 Locomotive, by V. I. Chernyshev, 3 pp.  
RUSSIAN, per, Elek i Teplov Tyaga, No 8, 1960, pp 22, 23.

JPRS 7199

Newly Electrified and Dieselized Line Segments, 6 pp.  
RUSSIAN, per, Elek i Teplov Tyaga, No 9, 1960, pp 6, 7.

JPRS 7199



USSR  
Economic (Contd)

Specialized Computing Machine for Harmonic Synthesis and Harmonic Analysis, by A. M. Zayezdnyy, L. M. Rakhovich, 6 pp.  
RUSSIAN, per, Elektrosvyaz', No 6, 1960, pp 66-68.

JPRS 7329

Technical Progress in the USSR and the Elimination of the Worker's Occupational Limitations, by L. N. Kogan, V. A. Kiseleva, (DC-4700/5).

RUSSIAN, per, Filosofskiye Nauki, No 4, 1960, pp 12-21.

\*JPRS

Current Problems in Tariffs and Transportation Tariff Policies, by V. Vrubel'skiy, V. Mitrofanov, 20 pp.  
RUSSIAN, per, Finansy SSSR, No 8, 1960, pp 42-53.

JPRS 7199

Improved Control Over Personal Services Enterprises and Taxation of Artisans, (DC-5050/1).

RUSSIAN, per, Finansy SSSR, No 10, 1960, pp 14-17.

\*JPRS

Kremenchugskaya GES on the Dnepr River, by I. N. Kuzemin, (DC-4600/4).

RUSSIAN, per, Gidrotekh Stroitel, No 11, 1960, pp 6-15.

\*JPRS

Bukhtarminskaya GES in Operation, by N. I. Subbotin, (DC-4600/4).

RUSSIAN, per, Gidrotekh Stroitel, No 11, 1960, pp 15-17.

\*JPRS

Krivoy Rog Ore Concentrating Combines Must Produce High Quality Concentrates, by S. G. Yevsiovich, S. I. Zhuravlev, 9 pp.

RUSSIAN, per, Gornyy Zhur, No 7, 1960, pp 66-69.

JPRS 7036

An Industrial Flow Chart for Concentrating Korshunovskiy Ores, by N. G. Tyurenkov, A. G. Gerasimov, S. M. Luk'yanov, 8 pp.  
RUSSIAN, per, Gornyy Zhur, No 7, 1960, pp 69-71.

JPRS 7037

USSR

Economic (Contd)

The Electrified Railroads of Socialist Countries,  
5 pp.

RUSSIAN, np, Gudok, Vol XLIII, No 267, 11 Nov  
1960, pp 1, 4.

JPRS 6558

A Handful of Cement, by R. Romanenko, D.  
Yaroslavskiy, 4 pp.

RUSSIAN, np, Izvestiya, 12 Aug 1960, p 3.

JPRS 7414

Problems in the Development of Industry and  
Transportation in Krasnoyarskiy Kray, by  
V. V. Gorizontov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf,  
No 6, Dec 1959, pp 74, 75.

JPRS 7199

The Problem of Industrialization of the  
Angaro-Pitskiy Iron Ore Basin, by A. I.  
Zubkov, 10 pp.

RUSSIAN, per, Iz Sibirskogo Otdel Ak  
Nauk SSSR, No 5, 1960, pp 13-19.

JPRS 6377

An Economic Evaluation of the Use of Iron  
Ore Pellets, by I. S. Kagan, et al.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Chern Metal, Jun 1959, pp 145-154.

HB 4935

Prospects for Using Refractory Compounds  
in the Chemical Industry, by G. V. Samsonov,  
18 pp.

RUSSIAN, per, Khim Nauka i Prom, Vol III,  
No 6, 1958, pp 807-811.

ATIC MCL-265/III

Report of a Meeting of Workers of the  
Plastics Industry, by I. I. Porzhitsky,  
2 pp.

RUSSIAN, per, Khim Prom, No 4, 1959, pp 88,  
89. 9073510

DSI 653

Equipment for the Cinema Industry in 1960,  
by A. Barinov, 6 pp.

RUSSIAN, per, Kinomekhanik, No 5, 1960,  
pp 19-22.

JPRS 7329

USSR

Economic (Contd)

Economics of Supplying Consumers With Industrial Oxygen, by B. E. Volkov, (DC-5068).

RUSSIAN, per, Kislород, No 5, 1959, pp 29-32.

\*JPRS

The Shorter Workday in the USSR, by A. Maksimov, 5 pp.

RUSSIAN, per, Kommunist, No 10, 1960, pp 65-71.

JPRS 6472

Speed Up the Development of Consumer Goods Production, by N. Mel'nikov, P. Maksimov, 14 pp.

RUSSIAN, per, Kommunist, No 14, Sep 1960, pp 53-63.

JPRS 6500

Ukrainian Machine Builders in the Struggle for Technical Progress, by O. Ivashchenko, 13 pp.

RUSSIAN, per, Kommunist Ukrainy, No 8, 1960, pp 8-17.

JPRS 7364

Strengthen the Ties Between Science and Industry, by A. Shcherban', 14 pp.

RUSSIAN, per, Kommunist Ukrainy, No 8, 1960, pp 18-26.

JPRS 7364

Ways of Lowering Losses in Raising Breeding Horses, by A. Pluzhnikov, Ye. Chalyuk, (DC-2700/50).

RUSSIAN, per, Konevodstvo i Konnyy Sport, No 9, 1960, pp 2-4.

\*JPRS

Television in the Tank Park.

RUSSIAN, np, Krasnaya Zvezda, 28 Sep 1960, p 2.

\*ACSI E-7960  
ID 2156398

Load-Carrying Capacity of Ice for Timber Transport, by M. M. Korunov.

RUSSIAN, per, Lesnaya Prom, No 11, 1956, pp 18, 19.

NRCC-TT-863

Ways of Reducing Labour Consumption in the Foundry Trade.

RUSSIAN, per, Lit Proiz, No 5, 1959, p 1.

BISI 1986

USSR

Economic (Contd)

Mechanized Continuous Line of Sandblast Machine  
Molding, by A. S. Shuper, L. Ya. Melekhin, 8 pp.  
RUSSIAN, per, Lit Proiz, No 7, 1960, pp 14-16.

JPRS 7252

Machine Building in Agriculture, (DC-2700/46).  
RUSSIAN, per, Mashinostroitel', No 4, 1960,  
pp 2-5.

\*JPRS

Broad Perspectives (Motor Vehicle Industry),  
by V. I. Zil'berberg, 6 pp.  
RUSSIAN, per, Mashinostroitel', No 4, 1960,  
pp 6-9.

JPRS 7252

Arrangement of Flexible Bufferless Continuous-  
Action Automatic Lines, by G. I. Melamed,  
8 pp.  
RUSSIAN, per, Mekh i Avtomat Proiz, No 4,  
1960, pp 1-6.

JPRS 7226

New Machines for the Complex Mechanization of  
Transloading Bulk Materials in Seaports, by  
Ye. S. Vorobtsov, 6 pp.  
RUSSIAN, per, Mekh i Avtomat Proiz, No 4,  
1960, pp 45-49.

JPRS 7226

New Construction Machines at the Project  
Exposition for the All-Union Conference  
on Municipal Construction, by A. T.  
Chistyakov, 6 pp.  
RUSSIAN, per, Mekh Stroitel, No 7, 1960,  
pp 21-23.

JPRS 7404

Meat Livestock in Kazakhstan During the  
Seven Year Plan, by A. Nedil'ko, (DC-2700/50).  
RUSSIAN, per, Molochnoye i Myasnoye Skotovod-  
stvo, No 9, 1960, pp 1-6.

\*JPRS

Maritime Transport Wage Reforms, by A. Polevoy,  
6 pp.  
RUSSIAN, per, Morskoy Flot, No 6, 1960,  
pp 1-4.

JPRS 6472

USSR  
Economic (Contd)

New System of Bonus Payments to Sailing Crews for Haulage Plan Fulfillment and Overfulfillment, by N. Povalyayev, 8 pp.

RUSSIAN, per, Morskoy Flot, No 6, 1960, pp 4, 5.

JPRS 6472

More Effective Use of Fixed Production Capital in Grain Procurement Enterprises, by A. Borodin, 6 pp.

RUSSIAN, per, Mukomol'no-Elevatornaya Prom, No 8, 1960, pp 15-17.

JPRS 6472

The Main Thing Is Good Preparation [Change-Over to a Shorter Work Week in Lead-Zinc Combines], by A. Sheffer, 6 pp.

RUSSIAN, per, Narod Khoz Kazakh, No 11, 1959, pp 35-39.

JPRS 7274

Large-Scale Potential for Increasing the Production of Nonferrous Metals, by A. Mochalov, 5 pp.

RUSSIAN, per, Narod Khoz Kazakh, No 1, 1960, pp 77-80.

JPRS 7274

The Economic Significance of Developing the Production of Alloys With Indium, Thallium, and Tellurium, by V. Leksin, 5 pp.

RUSSIAN, per, Narod Khoz Kazakh, No 1, 1960, pp 81-83.

JPRS 7274

What's Holding Up Spare Parts Production?, by A. Kheyfits, 5 pp.

RUSSIAN, per, Narod Khoz Kazakh, No 6, 1960, pp 45-47.

JPRS 7448

The Shorter Workday, by S. Toktamysov, 6 pp.

RUSSIAN, per, Narod Khoz Kazakh, No 7, 1960, pp 24-27.

JPRS 6472

Socio-Economic Statistics, by L. M. Kaplan, (DC-5145).

RUSSIAN, per, Nauchnyye Zapiski, No 19, 1959, pp 170-177.

\*JPRS

USSR  
Economic (Contd)

Flying Platform, by R. Grigor'yev, 5 pp.  
RUSSIAN, per, Nauka i Zhizn', No 4, 1960,  
pp 66, 67.

ATIC MCL-700/1

The Advanced and Progressive in Life [Public  
Catering in the Ukrainian SSR], by A. Romanov,  
(DC-5050/2).  
RUSSIAN, per, Obshchestvennoye Pitaniye, No 11,  
1960, pp 3-6.

\*JPRS

Shorter Workday, Higher Labor Productivity,  
by I. Sychev, (SF-1334).  
RUSSIAN, per, Partiynaya Zhizn', No 20,  
Oct 1960, pp 24-29.

\*JPRS

An Important Condition for Speeding Up  
Construction of Electric Power Stations, by  
L. Gudkevich, 10 pp.  
RUSSIAN, per, Plan Khoz, No 6, 1960, pp 47-53.

JPRS 6523

The Electrification of Agriculture in the  
Seven-Year Plan, by I. Ryzhenko, 12 pp.  
RUSSIAN, per, Plan Khoz, No 6, 1960, pp 53-61.

JPRS 6523

Some Methodological Problems in Planning the  
Long-Run Increase in the People's Level of  
Living, by P. Krylov, 17 pp.  
RUSSIAN, per, Plan Khoz, No 8, 1960, pp 51-63.

JPRS 6532

Prospects of USSR and US Competition in  
Machine Construction, by G. Smirnov, N.  
Yasnovskiy, 15 pp.  
RUSSIAN, per, Plan Khoz, No 8, 1960, pp 81-91.

JPRS 6376

Effect of Transportation on Location of the  
Power Industry, by A. Probst, V. Savel'yev,  
22 pp.  
RUSSIAN, per, Plan Khoz, No 9, 1960, pp 19-31.

JPRS 7199

Gathering and Consumption of Casing Head  
Gas, by D. Paroidzhanov, (NY-3000/36).  
RUSSIAN, per, Plan Khoz, No 9, 1960, pp 64-69.

\*JPRS

USSR  
Economic (Contd)

Revaluation of the Fixed Assets of the USSR  
National Economy, by L. Volodarskiy, 12 pp.  
RUSSIAN, per, Plan Khoz, No 10, 1960, pp 3-12. JPRS 6573

Problems in the Further Development of USSR  
Communications Facilities, by I. Podgorodetskiy,  
(SF-1200/4).  
RUSSIAN, per, Plan Khoz, No 12, 1960, pp 24-31. \*JPRS

The Planning of Capital Investments, by N.  
Bocharov, (DC-5144).  
RUSSIAN, per, Plan Khoz, No 12, 1960, pp 51-60. \*JPRS

Chemistry, Machines, and the Institute, by  
M. Bagrov, 5 pp.  
RUSSIAN, np, Pravda Ukrainy, 18 May 1960,  
p 2. JPRS 7252

New Instruments Intended for Serial Production  
in 1960, by I. I. Gur'yakov, 4 pp.  
RUSSIAN, per, Priborostroyeniye, No 6, 1960,  
pp 30, 31. JPRS 7329

Methods and Trends in the Development of  
Weight-Measuring Equipment, by S. S.  
Shchedrovitskiy, (NY-5500/3).  
RUSSIAN, per, Priborostroyeniye, No 12,  
1960, pp 2-5. \*JPRS

On Electric Power Saving at the Enterprises  
in Azerbaidzhan SSR, 3 pp.  
RUSSIAN, per, Prom Energet, No 8, 1960,  
pp 9-12. JPRS 6387

The 7-Hour Workday and the New Wage Systems,  
by A. Rudnev, 5 pp.  
RUSSIAN, per, Prom Kooperatsiya, No 7, 1960,  
pp 11, 12. JPRS 6472

To Improve the Quality of Meat Poultry,  
(DC-2700/50).  
RUSSIAN, per, Ptitsevodstvo, No 9, 1960,  
pp 3-5. \*JPRS

USSR  
Economic (Contd)

New 800-Horsepower Cargo-Passenger Motor Vessels, by R. Novik, S. Knyazev, 17 pp.  
RUSSIAN, per, Rechnoy Transport, No 5, 1960, pp 17-22.

JPRS 7199

Increase the Role of River Transport in the USSR Economy, by A. Kovalev, 10 pp.  
RUSSIAN, per, Rechnoy Transport, No 7, 1960, pp 9-12.

JPRS 7199

Self-Propelled 300-HP Ferry, by R. Novik, 4 pp.  
RUSSIAN, per, Rechnoy Transport, No 8, 1960, p 19.

JPRS 7199

Beet Harvesting -- High Rates, (DC-2700/49).  
RUSSIAN, per, Sakharnaya Svekla, No 9, 1960, pp 1-3.

\*JPRS

Accelerate the Production of High Speed Tractors, by B. Kashuba, 5 pp.  
RUSSIAN, per, Sel'skiy Mekhanizator, No 8, 1960, pp 3, 4.

JPRS 6398

Rural Electrification in East Siberia and the Far East, by A. Shukalo, (DC-4600/4).  
RUSSIAN, per, Sel'skoye Stroitel, No 11, 1960, p 19.

\*JPRS

Cash Wages in Kolkhozes, by B. Kudrin, 12 pp.  
RUSSIAN, per, Sotsial Trud, No 4, 1960, pp 65-71.

JPRS 6472

Salaries of Administrative, Management and Service Personnel in Kolkhozes, by A. Yesin, 5 pp.  
RUSSIAN, per, Sotsial Trud, No 4, 1960, pp 82-87.

JPRS 6472

Planning and Calculating Labor Productivity in Industry, by L. Volodarskiy, (DC-4700/5).  
RUSSIAN, per, Sotsial Trud, No 11, 1960, pp 11-16.

\*JPRS



USSR  
Economic (Contd)

Cash Wages in Kolkhozes of the Uzbek SSR, by  
V. Glinyanyy, et al, (DC-4700/5).  
RUSSIAN, per, Sotsial Trud, No 11, 1960,  
pp 24-30.

\*JPRS

The Nonferrous Metals Industry After Conversion  
to the Shorter Workday and the New Wage  
System, by M. Rudnitskiy, (DC-4700/5).  
RUSSIAN, per, Sotsial Trud, No 11, 1960,  
pp 52-59.

\*JPRS

A Great Long Distance Flight, by Yu. Pashkov,  
8 pp.  
RUSSIAN, np, Sovetskaya Aviatsiya, No 142,  
19 Jun 1959, p 1.

ATIC MCL-339/1

Reorganization of Agricultural Living Conditions  
and Consumer Cooperatives, by S. Vasil'yev,  
(DC-5050/2).  
RUSSIAN, per, Sovet Potrebitel'skaya Kooper-  
atsiya, No 11, 1960, pp 49-51.

\*JPRS

Economic Accountability in USSR Consumer  
Cooperatives, by A. Bykov, (DC-5050/2).  
RUSSIAN, per, Sovet Potrebitel'skaya Kooper-  
atsiya, No 11, 1960, pp 52-55.

\*JPRS

Moscow International, by L. Novikov, 4 pp.  
RUSSIAN, np, Sovet Rossiya, No 190, 14 Aug  
1959, p 4.

ATIC MCL 384/1.

Soviet Trade in the Armenian SSR in 40  
Years, by A. Piruzyan, (DC-5050/1).  
RUSSIAN, per, Sovet Torg, No 11, 1960,  
pp 33-36.

\*JPRS

Planning the Assortment of Goods, by Ya.  
Sapel'nikov, (DC-5050/2).  
RUSSIAN, per, Sovet Torg, No 12, 1960,  
pp 12-15.

\*JPRS

Discounts for Grade and Quality of Goods,  
by V. Aralov, M. El'yashov, (DC-5050/2).  
RUSSIAN, per, Sovet Torg, No 12, 1960,  
pp 33-36.

\*JPRS

USSR  
Economic (Contd)

New Equipment at the All-Union Exposition of  
Achievements of the National Economy, by  
D. A. Nemesheyev, P. Ye. Semenov, (DC-2700/45).  
RUSSIAN, per, Sovkhoz Proiz, No 7, 1960,  
pp 53-56.

\*JPRS

Cut the Cost of Producing Ferrosilicon in  
Electric Furnaces, by Ya. S. Shchedrovitskiy,  
Yu. S. Maksimov, 12 pp.  
RUSSIAN, per, Stal', No 10, 1960, pp 911-914.

JPRS 6481

New Wage Systems in the Glass Industry, by  
M. M. Zagorichik, 7 pp.  
RUSSIAN, per, Steklo i Keramika, No 6, 1960,  
pp 5-9.

JPRS 6472

With the Designers of Construction Machines,  
7 pp.  
RUSSIAN, per, Stroitel i Arkhitektura  
Moskvy, No 4, 1960, pp 34, 35.

JPRS 7404

A Powerful Construction Industry for the  
Nation's Capital, by A. Etmekdzhiyan,  
(NY-2800/20).  
RUSSIAN, per, Stroitel i Arkhitektura  
Moskvy, No 10, 1960, pp 1-6.

\*JPRS

Prospects for the Development of Earth Moving  
Machinery, by D. P. Volkov, 9 pp.  
RUSSIAN, per, Stroitel i Dorozhnoye Mash,  
No 8, 1960, pp 5-8.

JPRS 7404

New Machines [New Construction Machines], 5 pp.  
RUSSIAN, per, Stroitel i Dorozhnoye Mash,  
No 8, 1960, pp 35, 36.

JPRS 7404

Estonian Gold [The Production of Portland  
Cement From Waste Ashes], by M. Spektor,  
5 pp.  
RUSSIAN, per, Stroitel Gazeta, 31 Aug 1960,  
p 2.

JPRS 7414

USSR  
Economic (Contd)

Completing the Transition to the Shorter Work-day and the New Wage System in the Construction Materials Industry, by G. M. Batekhin, 9 pp.  
RUSSIAN, per, Stroitel Materialy, No 7, 1960, pp 1-5.

JPRS 6472

Put Into Practice the Decisions of the July Plenum of the Central Committee CPSU Concerning the Development of Building Materials, 6 pp.  
RUSSIAN, per, Stroitel Materialy, No 8, 1960, pp 1-3.

JPRS 7414

(A) Passenger Motor Ship "Meteor" With Underwater Wings, by I. M. Shapkin, 3 pp.  
RUSSIAN, per, Sudostroyeniye, No 5, 1960, pp 1-3. 9073528

DSI 644

Passenger Motor Vessel "Kirgizstan" Test Results, by S. A. Nikitenkov, V. A. Matskevich, 7 pp.  
RUSSIAN, per, Sudostroyeniye, No 5, 1960, pp 3-6.

JPRS 7199

Construction of Reinforced Concrete Docks by the Assembly-Monolithic Method, by V. I. Buzovskiy, 8 pp.  
RUSSIAN, per, Sudostroyeniye, No 5, 1960, pp 35-37.

JPRS 7199

River Passenger Vessels of the "Lenin" Class, by V. M. Kerichev, 21 pp.  
RUSSIAN, per, Sudostroyeniye, No 6, 1960, pp 1-8.

JPRS 7199

Caspian Sea Ferry, by A. S. Rachkov, 10 pp.  
RUSSIAN, per, Sudostroyeniye, No 7, 1960, pp 1-6.

JPRS 7199

Diesel-Electric Bucket Dredge, by V. V. Larionov, 3 pp.  
RUSSIAN, per, Sudostroyeniye, No 7, 1960, p 79.

JPRS 7199

USSR

Economic (Contd)

Small Tanker-Bunker Ship, by V. A. Yevstifeyev,  
8 pp.

RUSSIAN, per, Sudostroyeniye, No 8, 1960,  
pp 1-4.

JPRS 7199

Development of Shipbuilding in the Chinese  
Peoples Republic, by Ye. L. Ruf, 5 pp.

RUSSIAN, per, Sudostroyeniye, No 10, 1960,  
pp 71-73.

JPRS 6519

The Dry-Cargo Ship Leninskiy Komsomol, by  
V. K. Sidorov, (NY-5100/4).

RUSSIAN, per, Sudostroyeniye, No 11, 1960,  
pp 1-5, 7-9.

\*JPRS

Heavy-Duty Slow-Speed Diesels of the Bryansk  
Plant, by A. Ya. Markov, (NY-5100/4).

RUSSIAN, per, Sudostroyeniye, No 11, 1960,  
pp 24-30.

\*JPRS

To Use All Reserves of Hog Raising, by Ye.  
M. Chekmenov, (DC-2700/49).

RUSSIAN, per, Svinovodstvo, No 9, 1960,  
pp 2-7.

\*JPRS

Development of Cinema Equipment Production  
Technology at the "Lenkinap" Plant, by

S. M. Kuznetsov, R. M. Kasherininov, 7 pp.  
RUSSIAN, per, Tekh Kino i Televideniya,  
No 5, 1960, pp 56-61.

JPRS 7329

New Equipment for Sound Recording, by I. V.  
Gordiychuk, (NY-5500).

RUSSIAN, per, Tekh Kino i Televideniya,  
No 11, 1960, pp 58-62.

\*JPRS

Thirty Thousand Tons, by A. Brodskiy, 6 pp.  
RUSSIAN, per, Tekhnika Molodezhi, No 10,  
1958, pp 20-22.

ATIC F-TS-9963/III

A New Passenger Plane, by A. Bolbot, A.  
Vodyancy, 4 pp.

RUSSIAN, per, Tekhnika Molodezhi, No 6,  
1959, p. 16.

ATIC MCL-330/III

USSR  
Economic (Contd)

New Swathers for Two-Stage Harvesting of Grain Crops, by G. Ganzha, A. Fomichev, 5 pp. RUSSIAN, per, Tekh v Sel'skom Khoz, No 7, 1960, pp 73-75.

JPRS 6395

Basic Trends and Tasks in the Development of Central Heating in Prospect in 15-20 Years, by G. B. Levental', L. A. Melent'yev, 13 pp. RUSSIAN, per, Teploenergetika, No 8, 1960, pp 3-8.

JPRS 6523

The Technical-Economic Indicators of Central Heating in Moscow, by N. K. Gromov, A. P. Nemov, 17 pp. RUSSIAN, per, Teploenergetika, No 8, 1960, pp 9-15.

JPRS 6523

Prospects of Development of Industrial Tets (Central Electric Heating Plants) in High-Capacity Electric Power Systems, by A. N. Kuranov, 16 pp. RUSSIAN, per, Teploenergetika, No 8, 1960, pp 15-21.

JPRS 6523

On the Problem of Possible Utilization of Additional Electric Peak Capacity at Tets, by A. F. Afanas'yev, M. M. Romin, 6 pp. RUSSIAN, per, Teploenergetika, No 8, 1960, pp 21-23.

JPRS 6523

Testing Potato Harvesting Combines and Machines, by V. R. Gorbunov, 8 pp. RUSSIAN, per, Traktory i Sel'khoz, No 3, 1960, pp 19-24.

JPRS 6473

PNSh-2.0 Mower With Attachment for Crushing Hay Stems, by Ye. S. Naumov, 3 pp. RUSSIAN, per, Traktory i Sel'khoz, No 5, 1960, pp 31, 32.

JPRS 6395

Improving Tractor Designs, by B. G. Sivak, 9 pp. RUSSIAN, per, Traktory i Sel'khoz, No 10, 1960, pp 1-4.

JPRS 6398

USSR  
Economic (Contd)

Labor Productivity Indicators in the Synthetic Leather Industry, by P. Pushkin, A. Yakimenko, M. Chembarov, S. Markin, 7 pp.

RUSSIAN, per, Trud i Zarabotnaya Plata, No 7, 1960, pp 9-15.

JPRS 6472

Setting the Norms for the Number of Procurement and Storehouse Personnel at Grain Procurement Enterprises, by A. Radov, Kh. Shekhtman, 6 pp.

RUSSIAN, per, Trud i Zarabotnaya Plata, No 7, 1960, pp 29-33.

JPRS 6472

Results of Wage Reforms in Enterprises of the Basic Chemical Industry, by G. Veselova, V. Dol'nik, 9 pp.

RUSSIAN, per, Trud i Zarabotnaya Plata, No 8, 1960, pp 37-44.

JPRS 6472

The Almalyk Deposit, by L. M. Gazaryan, 7 pp.  
RUSSIAN, per, Tsvetnyye Metally, No 5, 1946, pp 45-48.

JPRS 7274

Manufacture of Titanium Strips by Powder Rolling, by B. A. Borok, V. K. Gavrilova, G. M. Karpman, V. G. Khromov, (NY-5615).  
RUSSIAN, per, Tsvetnyye Metally, No 11, 1960, pp 69-76.

\*JPRS

The Development of Specialization in the Electrical Engineering Industry of the Sverdlovsk Economic Region, by N. N. Pytel', Z. S. Druglayeva, A. A. Vlasova, (NY-5500).  
RUSSIAN, per, Vest Elektroprom, Nov 1960, pp 1-4.

\*JPRS

Competition Between Workers of Enterprises of the Electrical Engineering Industry (News About Current Achievements of Heavy Electrical Machine Building Plants), by A. A. Tyklin, (NY-5500).

RUSSIAN, per, Vest Elektroprom, Nov 1960, pp 78-80.

\*JPRS

USSR

Economic (Contd)

The Economic Nature of Awards for Inventions and Rationalization Proposals, by Yu. S. Nekhoroshev, (DC-4700/4).

RUSSIAN, per, Vest Leningrad U, Ser Ekon Filosof i Prava, No 17, 1960, pp 5-12.

\*JPRS

Animal Husbandry in the USSR in 1959, by A. Bryanskiy, A. Lutsenko, 13 pp.

RUSSIAN, per, Vest Statistiki, No 6, 1960, pp 6-17.

JPRS 6451

From the Experience of Applying the Sampling Method in Studying the Population's Living Standard, by I. Matyukha, (DC-4700/4).

RUSSIAN, per, Vest Statistiki, No 9, 1960, pp 14-26.

\*JPRS

Some Problems of the Complete Electrification of the USSR, by M. Vilenskiy, 10 pp.

RUSSIAN, per, Voprosy Ekon, No 8, 1960, pp 45-59.

JPRS 6387

Indicators of the Utilization of Fixed Capital, by A. Zholkevich, Ye. Ivanov, (DC-5086).

RUSSIAN, per, Voprosy Ekon, No 10, 1960, pp 25-34.

\*JPRS

The Demand for and the Supply of Goods in a Socialist Society, by K. Skovoroda, (DC-5067).

RUSSIAN, per, Voprosy Ekon, No 11, 1960, pp 64-75.

\*JPRS

Economic Theory and the Application of Mathematics in Economics, by A. Kats, (DC-5084).

RUSSIAN, per, Voprosy Ekon, No 11, 1960, pp 92-103.

\*JPRS

Planning the Cost of Industrial Production, by V. Bunimovich, (DC-5059).

RUSSIAN, per, Voprosy Ekon, No 11, 1960, pp 115-124.

\*JPRS

USSR  
Economic (Contd)

All-Union Conference of Agricultural Specialists,  
11 pp.

RUSSIAN, per, Zashchita Rasteniy ot Vreditel'ey i Bolezney, Vol V, No 8, 1960, pp 1-5.

JPRS 4200

Every Effort Toward Fulfillment of the Resolutions of the July Plenum of the CC CPSU, 6 pp.  
RUSSIAN, per, Zavod Lab, No 9, 1960, pp 1043-1046.

JPRS 7448

Increasing the Butterfat Content in Cows  
According to the T. D. Lysenko Method, by A. Dolgov, (DC-2700/49).

RUSSIAN, per, Zemledeliye i Zhivotnovodstvo Moldavii, No 8, 1960, pp 35, 36.

\*JPRS

Development and Introduction of Scientific Soundness in the System of Farming in the RSFSR Regions, (DC-2700/48).

RUSSIAN, per, Zemledeliye, No 9, 1960, pp 3-22.

\*JPRS

New Types of Mineral Fertilizers, by S. I. Vol'fkovich, (DC-2700/48).

RUSSIAN, per, Zemledeliye, No 9, 1960, pp 60-66.

\*JPRS

USSR Railroad Transport, January-June 1960, 14 pp.

RUSSIAN, per, Zheleznodorozhnyy Transport, No 9, 1960, pp 57-60.

JPRS 7199

On the Improvement of the Control of Technological Processes in the Construction Materials Industry, by P. D. Gonchar, 8 pp.

RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I. Mendeleeva, Vol V, No 2, 1960, pp 228, 229.

JPRS 7204

Development of Aircraft Engines in the USSR, by Z. Sorokin.

CZECH, per, Kridla Vlasti, No 9, 26 Apr 1960, pp 24-26.

\*ATIC MCL-800



USSR

Political

Decide by Conscience, (SF-1420).

RUSSIAN, bk, Reshi po Sovesti, 1960.

\*JPRS

Problems of Party Work in the Soviet Union,  
404 pp.

RUSSIAN, bk, Voprosy Partiynoy Raboty, 1959,  
pp 39-568.

JPRS 6480

The Glorious Path, by S. Solov'yev, 3 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, 1 Oct  
1960.

JPRS 6368

Highway Robber "Diplomats," by I. Sazonov, 3 pp.

RUSSIAN, np, Izvestiya, 17 Nov 1960, p 2.

JPRS 4305

For Peace, for Disarmament, for Freedom of  
Nations, 14 pp.

RUSSIAN, per, Kommunist, No 14, Sep 1960,  
pp 3-12.

JPRS 6500

Learn Communism, by A. Bobin, 16 pp.

RUSSIAN, per, Kommunist, No 14, Sep 1960,  
pp 41-52.

JPRS 6500

International Tribunal of the Communist  
Movement, 12 pp.

RUSSIAN, per, Kommunist, No 14, Sep 1960,  
pp 107-115.

JPRS 6500

A Valuable Work on the History of Soviet  
Kazakhstan, by M. Gabdullin, M. Kim,  
Yu. Polyakov, 11 pp.

RUSSIAN, per, Kommunist, No 14, Sep 1960,  
pp 116-121.

JPRS 6500

Capitalism Engenders Crises, by V. Koltypin,  
6 pp.

RUSSIAN, per, Kommunist, No 14, Sep 1960,  
pp 122-124.

JPRS 6500

The Triumph of the Theory and Practice of  
Leninism, 11 pp.

RUSSIAN, per, Kommunist, No 15, Oct 1960,  
pp 3-10.

JPRS 6513

USSR  
Political (Contd)

October and the Great Problems of the Present  
Day, by I. Pomelov, 18 pp.  
RUSSIAN, per, Kommunist, No 15, Oct 1960,  
pp 11-24.

JPRS 6513

The Successes of Socialism and the Struggle  
of the Working Class of Capitalist Countries  
for Social Rights, 20 pp.  
RUSSIAN, per, Kommunist, No 15, Oct 1960,  
pp 25-39.

JPRS 6513

The Fight for Peace, for the Freedom of  
Peoples and the United Nations Organization,  
by V. Matveyer, M. Mikhaylor, 15 pp.  
RUSSIAN, per, Kommunist, No 15, Oct 1960,  
pp 102-113.

JPRS 6513

The Monolithic Unity of the World Communist  
Movement, (DC-4400/7).  
RUSSIAN, per, Kommunist, No 17, 1960, pp 32-36.

\*JPRS

History and the Contemporary Struggle of  
Ideology, by A. Berezkin, K. Kuznetsova,  
(DC-4400/7).  
RUSSIAN, per, Kommunist, No 17, 1960,  
pp 85-96.

\*JPRS

Marxist Dialectics and Contemporary Revisionism,  
by N. Khalipov, 11 pp.  
RUSSIAN, per, Kommunist Belorussiya, No 11,  
1960, pp 42-50.

JPRS 6557

The National Holiday of the Chinese People,  
by Ye. Kovalev, 4 pp.  
RUSSIAN, np, Kommunist Tadzhikistana, 1 Oct  
1960.

JPRS 6368

Local Soviet and Economic Organs Face New  
Tasks, by Z. Nuriyev, 10 pp.  
RUSSIAN, per, Partiynaya Zhizn', No 1,  
1959, pp 9-15.

JPRS 6495

USSR

Political (Contd)

On the Condition and Measures for the Improvement of Mass-Political Work Among the Working People of Stalinskaya Oblast, USSR, 13 pp.  
RUSSIAN, per, Partiynaya Zhizn', No 6, 1959, pp 23-32.

JPRS 6426

Impoverishment of the Proletariat, by M. Rabinovich, 6 pp.  
RUSSIAN, per, Politicheskaya Ekonomiya, 31 Aug 1959, pp 126-132.

JPRS 6478

Glorious Anniversary, by I. Borev, 4 pp.  
RUSSIAN, np, Sel'skaya Zhizn', 1 Oct 1960.

JPRS 6368

A New Stage in the Development of the Soviet State, by P. S. Romashkin, 26 pp.  
RUSSIAN, per, Sovet Gosudarstvo i Pravo, No 10, 1960, pp 31-40.

JPRS 6515

First Congress of the Pedagogical Society of the RSFSR, 4 pp.  
RUSSIAN, per, Sovet Pedagogika, Vol XXIV, No 10, 1960, pp 151, 152.

JPRS 4262

Unity and Solidarity of Socialist Countries Basis of Strength of World System of Socialism, by I. P. Oleynik, 17 pp.  
RUSSIAN, per, Voprosy Filosofii, No 9, 1960, pp 24-37.

JPRS 6556

Years of Struggle and Victory, by Yu. Topuridze, 3 pp.  
RUSSIAN, np, Zarya Vostoka, 1 Oct 1960.

JPRS 6368

Communique Issued on 24 November 1960 on the Conclusion of the Visit to the Soviet Union by the President of the Republic of Finland Urho Kekkonen, 5 pp.  
FINNISH, rpt, Encl to Desp No 254, AmEmbassy, Helsinki, 30 Nov 1960.

Dept of State  
4465719

Analysis of the Points of Issue in Sino-Soviet Dispute, by Michio Iwamura, 20 pp.  
JAPANESE, per, Asia Keizai Junpo, No 445, 1 Oct 1960, pp 1-19.

JPRS 7019

USSR  
Military

Small Arms Manual - 9 mm Stechkin Automatic  
Pistol (APS), 64 pp.

RUSSIAN, bk, Nastavleniye po Strelkovomu  
Delu - 9 mm Avtomaticheskiy Pistolet Stechkina  
(APS), 3d Ed, Moscow, 1960, 111 pp.

ACSI H-7455  
ID 2149815

Activity of the Military Topographical Admin-  
istration for the 10-Year Period (1917-1927),  
14 pp.

RUSSIAN, per, Geodezist, No 11, 1927, pp 56-67.

JPRS R-105-N/33

Persistently Instruct Troops in Night Operations,  
3 pp.

RUSSIAN, np, Krasnaya Zvezda, 23 Jul 1960,  
p 1.

JPRS 6403

Certain Problems of Staff Development, by  
A. Batyunya, 5 pp.

RUSSIAN, np, Krasnaya Zvezda, 26 Jul 1960,  
p 2.

JPRS 6403

Automation in Armored Troops Training, by  
D. Shapovalov, 4 pp.

RUSSIAN, np, Krasnaya Zvezda, 27 Jul 1960,  
p 2.

JPRS 6403

Combined-Arms Staff Functions, by P. Simonyan,  
3 pp.

RUSSIAN, np, Krasnaya Zvezda, 28 Jul 1960, p 2.

JPRS 6403

Military Medical Service, 3 pp.

RUSSIAN, np, Krasnaya Zvezda, 30 Jul 1960, p 1.

JPRS 6409

Procedure for Conferring Vehicle Driver's  
Ratings, by A. Sendetskiy, 3 pp.

RUSSIAN, np, Krasnaya Zvezda, 30 Jul 1960, p 4.

JPRS 6409

PVO Training, by I. Saakov, N. Degtyarev, 4 pp.

RUSSIAN, np, Krasnaya Zvezda, 30 Jul 1960, p 3.

JPRS 6409

Discussion on the Style of Work of the Chief  
of Staff (PVO), by V. Bessrebrennikov, 4 pp.

RUSSIAN, np, Krasnaya Zvezda, No 182, 4 Aug  
1960, p 2.

JPRS 6419

USSR

Military (Contd.)

Case of a Missing Pistol, by B. Viktorov, 7 pp.  
RUSSIAN, np, Krasnaya Zvezda, No 182, 4 Aug  
1960, pp 2, 3.

JPRS 6419

Prompted by Reality (Military Political Academy),  
by A. Khmel', 3 pp.  
RUSSIAN, np, Krasnaya Zvezda, No 182, 4 Aug  
1960, p 3.

JPRS 6419

Formalism Flourishes Everywhere (Officer Training),  
by A. Zelentsov, 5 pp.  
RUSSIAN, np, Krasnaya Zvezda, No 183, 5 Aug  
1960, p 2.

JPRS 6419

Fall and Rise (Physical Training of Artillery  
Troops), by P. Shatrov, 3 pp.  
RUSSIAN, np, Krasnaya Zvezda, No 186, 9 Aug  
1960, p 2.

JPRS 6419

Prisoner of Old Ideas: Notes on Tactical  
Surprise, by V. Larionov, 4 pp.  
RUSSIAN, np, Krasnaya Zvezda, 13 Aug 1960,  
p 2.

JPRS 6430

Holiday of Soviet Builders (Military Construction),  
by A. Shebunin, 3 pp.  
RUSSIAN, np, Krasnaya Zvezda, 14 Aug 1960,  
p 1.

JPRS 6430

Potential Plus Initiative: Notes of an  
Executive Officer on Rear Services, by  
S. Belyayev, 3 pp.  
RUSSIAN, np, Krasnaya Zvezda, 17 Aug 1960,  
p 3.

JPRS 6430

To Fight a Battle Is Very Difficult: Notes  
on Artillery Combat Training, by P. Andreyev,  
6 pp.  
RUSSIAN, np, Krasnaya Zvezda, 19 Aug 1960,  
p 2.

JPRS 6430

Certain Problems of Troops Service (Guard  
Duty), by I. Nikishin, 4 pp.  
RUSSIAN, np, Krasnaya Zvezda, 23 Aug 1960,  
p 3.

JPRS 6430

USSR

Military (Contd)

Performance of Ships and Units, 3 pp.

RUSSIAN, np, Sovetskiy Flot, 23 Jul 1960, p 1.

JPRS 6403

Improve Supervision of Primary Party Organizations, by V. Torik, 7 pp.

RUSSIAN, np, Sovetskiy Flot, 4 Aug 1960, p 2.

JPRS 6409

Relay of Orders on Board Ship, by Zuyenko, 4 pp.

RUSSIAN, np, Sovetskiy Flot, 4 Aug 1960, p 2.

JPRS 6409

I Understood You, Permit Me to Take Off, by Yu. Belyayev, (DC-2800/52).

RUSSIAN, per, Sovetskiy Voin, No 20, Oct 1960, pp 20, 21.

\*JPRS

Khrushchev and the Soviet Armed Forces.

JAPANESE, per, Tairiku Mondai, 1 Nov 1960, pp 35-41.

USACRAPAC, PD  
Tr No 103058

The Soviet Navy After the Reduction of Armed Strength.

JAPANESE, per, Tairiku Mondai, 1 Nov 1960, pp 50-55.

USACRAPAC, PD  
Tr No 103058

USSR  
Geographic

Hydrography of the USSR, Part II, by L. K. Davydov, 445 pp.  
RUSSIAN, bk, Gidrografiya Rayonov, Chast II, pp 10-320.

ACSI H-6346  
ID 2158092

The Mingeaur Hydroelectric Station, 6 pp.  
RUSSIAN, brochure, Minchechurskaya GES, 1959, pp 1-4.

JPRS 6555

The Turkestan Triangulations, 6 pp.  
RUSSIAN, per, Geodezist, No 12, 1928, pp 53-57.

JPRS R-106-N/19

The Transfer of Aerial Photographs of Areas With Uniform Slope, 17 pp.  
RUSSIAN, per, Geodezist, No 10, 1930, pp 20-32.

JPRS R-108-N/69

Base-Line Measurement at Shubin, 5 pp.  
RUSSIAN, per, Geodezist, No 11, 1930, pp 53-56.

JPRS R-108-N/82

1000-Meter Grid on Large Scale Maps, 9 pp.  
RUSSIAN, per, Geodezist, No 4, 1932, pp 31-37.

JPRS R-110-N/24

The Dnepr Cascade, by A. N. Laponogov, 9 pp.  
RUSSIAN, per, Geografiya v Shkole, No 5, 1960, pp 10-15. (Call No G1, R83, Eng Tr)

AMS

Geographical Observations in an Antarctic "Oasis," by G. A. Avsyuk, K. K. Markov, P. A. Shumskiy, 53 pp.  
RUSSIAN, per, Iz Vses Geograf Obshch, Vol XXXVIII, No 4, 1956, pp 316-350.

OTS 60-21825  
PL-430

Physiographic Outline, by V. M. Sinitsyn, 35 pp.  
RUSSIAN, per, Severo-Zapadnaya Chast' Tarimskogo Basseyna, Moscow, 1957, 19 pp. (Call No QE294, S61, Eng Tr)

AMS

USSR

Geographic (Contd)

Physiographic Outline; Orography; Fundamentals,  
by V. M. Sinitsyn, 29 pp.

RUSSIAN, per, Turfan-Khamiyskaya Vpadina i  
Gashun'skaya Gobi, 1952, pp 59-74. (Call No  
GB618.69 S61, Eng Tr).

AMS

Organization and Method of Coastal Research  
in the Soviet Union, by H. Griesseier, 14 pp.

SERBIAN, per, Hidrografiski Godis'njak,  
Yugoslavia, pp 26-38. (Call No EIF 260659).

AMS

Sociological

Contemporary Catholicism, by D. L. Pokhilevich,  
44 pp.

RUSSIAN, bk, Sovremennyy Katolitsizm, 1960,  
pp 1-40.

JPRS 4229

Technical Informational and Bibliographical  
Centers of the USSR and Materials Published  
by Them, by E. N. Morozova.

RUSSIAN, bk, Tekhniko-Informatsionnyye i  
Bibliograficheskiye Tsentry v SSSR i  
Izdavayemyye imi Materialy, 1959, 23 pp.

\*ATIC MCL-796/1

For a New Upsurge in Ideological Work, by  
L. Il'ichev, 26 pp.

RUSSIAN, per, Kommunist, No 14, Sep 1960,  
pp 22-40.

JPRS 6500

The Free Time of Workers in a Socialist  
Society, by G. Prudenskiy, (DC-5057).

RUSSIAN, per, Kommunist, No 15, Oct 1960,  
pp 40-48.

\*JPRS

Clerical Reformism -- An Apologia for  
Capitalism, by I. Kichanova, 11 pp.

RUSSIAN, per, Kommunist Ukrainy, No 9,  
1960, pp 49-57.

JPRS 4201

Anti-Religious Articles in Soviet Publications,  
by N. Semenov, et al, 5 pp.

RUSSIAN, per, Nauka i Religiya, No 9, 1960,  
pp 3-5.

JPRS 7314



USSR

Sociological (Contd)

Answer of the Minister of Education RSFSR, by  
Ye. I. Afanasenko, 6 pp.

RUSSIAN, per, Nauka i Religiya, No 9, 1960,  
pp 5-7.

JPRS 7314

Proof and Faith, by G. Gabinskiy, 11 pp.

RUSSIAN, per, Nauka i Religiya, No 9, 1960,  
pp 21-25.

JPRS 7314

The Stick of the Shames, or the Rabbi on  
Calvary, by M. Oppengeym, B. Rabbot, 12 pp.

RUSSIAN, per, Nauka i Religiya, No 9, 1960,  
pp 26-31.

JPRS 7314

What Happens to Believers' Money, by A.

Syzranskiy, 10 pp.

RUSSIAN, per, Nauka i Religiya, No 9, 1960,  
pp 36-40.

JPRS 7314

The Darkness Will Not Return, by G. Nadzhimov,  
10 pp.

RUSSIAN, per, Nauka i Religiya, No 9, 1960,  
pp 73-76.

JPRS 7314

To Seek an Approach to Man, by L. Lepikhov,  
6 pp.

RUSSIAN, per, Nauka i Religiya, No 9, 1960,  
pp 76, 77.

JPRS 7314

Scientific-Atheistic Propaganda in Lectures  
on Health and Medicine, by Ye. Sal'nikov,  
7 pp.

RUSSIAN, per, Nauka i Religiya, No 9, 1960,  
pp 78-80.

JPRS 7314

Philosophical Crutches of Theology, by

B. Bykhovskiy, 13 pp.

RUSSIAN, per, Nauka i Religiya, No 9, 1960,  
pp 81-84.

JPRS 7314

Einstein and Religion, by T. N. Gornshteyn,  
12 pp.

RUSSIAN, per, Nauka i Zhizn', No 10, 1960,  
pp 51-55.

JPRS 6470

USSR  
Sociological (Contd)

How Man Learned to Speak, by G. Pugach, 6 pp.  
RUSSIAN, per, Nauka i Religiya, No 11, 1960,  
pp 19-23.

JPRS 4299

A Shameful Page in the History of the Church,  
by I. Lavretskiy, 5 pp.  
RUSSIAN, per, Nauka i Religiya, No 11, 1960,  
pp 42-45.

JPRS 4299

In Search of the Vanished Garrison, by  
Vladimir Belyayev, 10 pp.  
RUSSIAN, per, Nauka i Religiya, No 11, 1960,  
pp 62-67.

JPRS 4299

Religion and Society, by B. Grigor'yan, 7 pp.  
RUSSIAN, per, Nauka i Religiya, No 11, 1960,  
pp 78-82.

JPRS 4299

Sixth All-Union Conference on the Physiology  
of Sport, by B. S. Gippenreyter, 5 pp.  
RUSSIAN, per, Teoriya Praktika Fiz Kul'tury,  
Vol XXIII, No 7, 1960, pp 552, 553.

JPRS 4223

Seventh All-Union Conference of Students of  
Physical Culture Institutes, by A. Ts. Puni,  
6 pp.  
RUSSIAN, per, Teoriya Praktika Fiz Kul'tury,  
Vol XXIII, No 7, 1960, pp 553-555.

JPRS 4223

Concerning the Results of the All-Union  
Plenum on the Physical Training of Students  
in Secondary Specialized Educational  
Institutions, by A. A. Shishmareva, 5 pp.  
RUSSIAN, per, Teoriya i Praktika Fiz Kul'tury,  
Vol XXIII, No 7, 1960, pp 556, 557.

JPRS 4223

The Legacy of L. N. Tolstoy and Soviet Literary  
Criticism, by K. N. Lomunov, (SF-1440).  
RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960,  
pp 66-72.

\*JPRS

USSR  
Sociological (Contd)

At the Congress of Historians in Stockholm, by  
A. A. Guber, (SF-1440).

RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960,  
pp 101-104.

\*JPRS

Compilation of Plans for Exchanges Developed  
and Still to Be Carried Out Within the Frame-  
work of the German-Soviet Agreement of 30 May  
1959 on Cultural and Scientific-Technical  
Exchanges, (SF-1399).

GERMAN; pamphlet, Zusammenstellung uber die  
im Rahmen der Deutsch-Sowjetischen Verein-  
barung uber Kulturellen und Technisch-  
Wirtschaftlichen Austausch, vom 30. Mai  
1959 Abgewickelten und Noch Durchzufuhrenden  
Austauschvorhaben, Sep 1960, pp 1-56.

\*JPRS

Biographic

Viktor Vladimirovich Vinogradov, by N. S. Pospelov,  
(SF-1433).

RUSSIAN, bk, Sbornik Statey po Yazykoznaniyu,  
1958, pp 9-23.

\*JPRS

Biographies of Selected Soviet Medical  
Personalities, (SF-1324).

RUSSIAN, per.

\*JPRS

80th Birthday of A. V. Dumanskiy, (SF-1344).

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 3,  
1960, pp 265-271.

\*JPRS

Vladimir Stepanovich Sobolev, 16 pp.

RUSSIAN, per, Mineralog Sbornik L'vov Geologich  
Obshch, No 12, 1958, pp 5-14.

JPRS 4237

Mikhail Poliyevktovich Kostenko, 6 pp.

RUSSIAN, per, Nauka i Zhizn, No 3, 1960,  
pp 42, 43.

JPRS 4237

Professor Vassiliy Ivanovich Zyuzin, 3 pp.

RUSSIAN, per, Zdravoochranenie Kazakh, No 3,  
1957, pp 45, 46.

JPRS 4237

## EASTERN EUROPE

### Economic

Main Albanian Fishing Areas and Prospects for Development, by G. D. Poljakov, ND. Filipi, K. Basho, (NY-5668).  
ALBANIAN, monograph, Peshqit e Shqiperise, 1958, pp 233-238.

\*JPRS

Zoning of Corn in Albania, by Sulejman Xhepa, (DC-5107).  
ALBANIAN, per, Buletin i Universitetit Shteteror te Tiranes, Seria Shkencat Naturore, Vol XIV, No 2, 1960, pp 80-111.

\*JPRS

Production Results From Various Types of Wheat, by Markur Mero, (DC-5107).  
ALBANIAN, per, Buletin i Universitetit Shteteror te Tiranes, Seria Shkencat Naturore, Vol XIV, No 2, 1960, pp 126-135.

\*JPRS

Reserve Funds in the Budgets of the People's Councils, by St. Dragolevski, (DC-5022).  
BULGARIAN, per, Finansi i Kredit, No 8, 1960, pp 24-31.

\*JPRS

Conclusions From Investigations Made of Financial Operations in Some Okrug People's Councils, by M. Stoyanov, (DC-5195).  
BULGARIAN, per, Finansi i Kredit, No 9, 1960, pp 9-15.

\*JPRS

The Economic Essence and Sources of Means for Financing Basic and Current Repairs, by Georgi D. Khristopulov, (DC-5195).  
BULGARIAN, per, Finansi i Kredit, No 9, 1960, pp 24-30.

\*JPRS

Instruction on the Method of Allotting Extra Profits for New Production, 4 pp.  
BULGARIAN, per, Izvestiya na Prezidiuma na Narodnoto Subranie, Vol XI, No 54, 5 Jul 1960, pp 1, 2.

JPRS 7228

Eastern Europe  
Economic (Contd)

Regulation for Construction Plan Approval  
for Construction in Populated Places in  
Bulgaria, 9 pp.

BULGARIAN, per, Izvestiye na Prezidiuma  
na Narodnoto Subranie, Vol XI, No 59,  
22 Jul 1960, pp 3, 4.

JPRS 7452

Decree on Measures To Be Undertaken in Order  
to Overcome the Problems Encountered in  
Automotive and Rail Transportation and to  
Effect the Most Efficient Utilization of  
Transport Equipment, 10 pp.

BULGARIAN, per, Izvestiya na Prezidiuma na  
Narodnoto Subranie, Vol XI, No 86, 25 Oct  
1960, pp 1, 2.

JPRS 6464

Hydromelioration Construction, by Stamen  
Stamenov, 10 pp.

BULGARIAN, per, Khidrotekhnika i Melioratsii,  
Vol V, No 1, 1960, pp 1-5.

JPRS 6464

Increased Beef Production, by Simeon Buchvarov,  
6 pp.

BULGARIAN, per, Kooperativno Delo, Vol X,  
No 162, 12 Jul 1960, p 1.

JPRS 7452

The Raw Material Base of the Wine-Making  
Industry, by N. Chamov, V. Lichev,  
N. Vasilev, 30 pp.

BULGARIAN, per, Lozarstvo i Vinarstvo,  
Vol IX, No 3, May/Jun 1960, pp 45-64.

JPRS 6459

Specialization of Production in Machine  
Building, by Atanas Izmirliiev, Petur Kalev,  
(DC-5072).

BULGARIAN, per, Mashinostroene, Vol IX,  
No 9, 1960, pp 37-40.

\*JPRS

A Machine for Shaping Connecting Rod Bearings  
and Bushings, by Nikola Bebin, 6 pp.

BULGARIAN, per, Mekhanizatsiya i Elektrifikat-  
siya na Selskoto Stopanstvo, Vol X, No 3, 1960,  
pp 26, 27.

JPRS 6464

Eastern Europe  
Economic (Contd)

Technical Indices of Diesel Motors  
Produced at the Levskigrad Machine  
Building Plant, by Yordan Tsvetanov,  
5 pp.

BULGARIAN, per, Mekhanizatsiya i  
Elektrifikatsiya na Selskoto Stopanstvo,  
Vol X, No 6, 1960, pp 28-30.

JPRS 6464

The Bulgarian "Bolgar" TL-30 Vineyard  
Tractor, by Nikola Nikolov, 4 pp.

BULGARIAN, per, Mekhanizatsiya i  
Elektrifikatsiya na Selskoto Stopanstvo,  
Vol X, No 7, 1960, pp 23, 24.

JPRS 6464

The Metallurgical Combine in Kremikovtsi,  
(DC-5199).

BULGARIAN, per, Minno Delo i Metalurgiya,  
Vol XV, No 7/8, 1960, pp 3-9.

\*JPRS

Construction, Drainage, and Problems of  
Exploitation of the Open-Pit Mine in  
Kremikovtsi, by G. Bunchey, (DC-5199).

BULGARIAN, per, Minno Delo i Metalurgiya,  
Vol XV, No 7/8, 1960, pp 9-13.

\*JPRS

Reconstruction of the Profile Rolling Shop  
at the 'Lenin' Metallurgical Plant, by  
P. Nachev, (DC-5199).

BULGARIAN, per, Minno Delo i Metalurgiya,  
Vol XV, No 7/8, 1960, pp 18-23.

\*JPRS

A Proposal for Extraction of the Tyulenovo  
Oil by a Mining Method -- With Shafts and  
Galleries Under the Sea, (NY-5728).

BULGARIAN, per, Minno Delo i Metalurgiya,  
Vol XV, No 9, 1960, pp 9-13.

\*JPRS

Increased Bulgarian Production of Rolled Metals,  
by P. Davidkov, A. Marinov, (NY-5728).

BULGARIAN, per, Minno Delo i Metalurgiya, Vol  
XV, No 9, 1960, pp 19-21.

\*JPRS

Eastern Europe  
Economic (Contd)

Problems of Hothouse Vegetable  
Production in Bulgaria, by Kalcho  
Kalchev, (NY-5613).

BULGARIAN, per, Planovo Stopanstvo,  
Vol XV, No 5, 1960, pp 43-54.

\*JPRS

Reserves for Increasing Productivity  
of Labor in Ore Mining, Beneficiation,  
and Metallurgy, by Dencho Nankov,  
(NY-5610).

BULGARIAN, per, Planovo Stopanstvo,  
Vol XV, No 7, 1960, pp 15-26.

\*JPRS

Profitability of Individual Crops and  
Branches in TKZS, by Georgi Kostadinov,  
(NY-5610).

BULGARIAN, per, Planovo Stopanstvo,  
Vol XV, No 7, 1960, pp 27-41.

\*JPRS

The New Decree on State Arbitration in  
Bulgaria, by Zhivko Stalev, 30 pp.

BULGARIAN, per, Pravna Misul, Vol IV,  
No 4, Jul/Aug 1960, pp 14-34.

JPRS 7395

Production Difficulties in the "Kremikovtsi"  
Mine, by St. Zarev, 4 pp.

BULGARIAN, per, Rudnichar, Vol XXII, No 21,  
26 May 1960, p 1.

JPRS 7249

The Use of Operating Means and Material-  
Technical Supply in Construction Enterprises,  
by Lyubomir Donchev, (NY-5736).

BULGARIAN, per, Stroitelstvo, No 9, 1960,  
pp 7-10.

\*JPRS

Petroleum Refinery To Be Built Near Burgas,  
3 pp.

BULGARIAN, per, Technichesko Delo, Vol XII,  
No 329, 28 Apr 1960, p 2.

JPRS 7249

Prospects for the Development of the  
Bulgarian High-Voltage Transmission System,  
by Ivan D. Dyakov, (DC-5118).

BULGARIAN, per, Tekhnika, Vol IX, No 5, 1960,  
pp 1-4.

\*JPRS

**Eastern Europe**  
**Economic (Contd)**

Series of Dimensions of Universal  
Metal-Cutting Machines Produced in  
Bulgaria, by Penko Somlev, (DC-5125).  
BULGARIAN, per, Tekhnika, Vol IX,  
No 7, 1960, pp 6-10.

\*JPRS

Development and Problems in the Export  
of Metal-Cutting Machinery, by Dyanko  
Dobrev, (DC-5190).  
BULGARIAN, per, Vunshna Turgoviya, Vol  
IX, No 11, 1960, pp 8-12.

\*JPRS

The Automobile Industry and the Development  
of Motor Vehicle Use in Yugoslavia, by  
Nikola Oka, (NY-5651).  
CROATIAN, bk, Savremeni Saobracaj, 29 Feb  
1960, pp 57-69.

\*JPRS

The Merchant Marine in the Modernization  
of Yugoslav Transportation, by Mihajlo  
Matijas, (NY-5651).  
CROATIAN, bk, Savremeni Saobracaj, 29 Feb  
1960, pp 70-77.

\*JPRS

The Modernization of Air Transportation,  
by Dobrivoje Mandic, (NY-5651).  
CROATIAN, bk, Savremeni Saobracaj,  
29 Feb 1960, pp 78-100.

\*JPRS

Use of Electric Power on Yugoslav Railroads,  
by Cedimir Cavlina, (NY-5651).  
CROATIAN, bk, Savremeni Saobracaj, 29 Feb  
1960, pp 134-142.

\*JPRS

Modernization of Yugoslav Railroads Through  
the Use of Diesel Locomotives, by Dimitrije  
Dimitrijevic, (NY-5651).  
CROATIAN, bk, Savremeni Saobracaj, 29 Feb  
1960, pp 153, 154-155, 158.

\*JPRS



**Eastern Europe**  
**Economic** (Contd)

Modernization of Yugoslav Highways,  
by Miroslav Markovic, Ilija Micic,  
(NY-5651).

CROATIAN, bk, Savremeni Saobracaj,  
29 Feb 1960, pp 228-231, 233-236.

\*JPRS

Yugoslav Airfields, by Dobrivoje  
Mandic, Velizar Andjelkovic, (NY-5651).

CROATIAN, bk, Savremeni Saobracaj,  
29 Feb 1960, pp 254-256, 256a, 257-259.

\*JPRS

Telecommunications in Yugoslavia, by  
Mihajlo Pajevic, (NY-5651).

CROATIAN, bk, Savremeni Saobracaj,  
29 Feb 1960, pp 319-321.

\*JPRS

Uranium in Yugoslavia, by Zoran Gugic,  
(DC-5027).

CROATIAN, per, Globus, No 60, 21 Aug 1960,  
pp 20-30.

\*JPRS

Opstinas and Srezes as Political-Territorial  
Organizations of Self-Administration,  
(NY-5628).

CROATIAN, per, Jugoslovenski Pregled, Vol  
IV, No 10, 1960, pp 399-405.

\*JPRS

Standardization in Yugoslavia, by S. V.  
(NY-5628).

CROATIAN, per, Jugoslovenski Pregled,  
Vol IV, No 10, 1960, pp 415-418.

\*JPRS

The Economic Status and Operation of the  
Yugoslav Postal, Telegraph, and Telephone  
Service, (NY-5628).

CROATIAN, per, Jugoslovenski Pregled,  
Vol IV, No 10, 1960, pp 419-422.

\*JPRS

Views of Mendes-France About the Problems  
of Socialism, by Zorica Priklamjer-Tomanovic,  
8 pp.

CROATIAN, per, Nasa Stvarnost, No 7/8, 1960,  
pp 95-102.

JPRS 6538

**Eastern Europe**  
**Economic (Contd)**

The Financial Autonomy of Economic Organizations in Yugoslavia, by Djordje Mijic, 8 pp.

CROATIAN, per, Nova Administracija, Vol VIII, No 2, 1960, pp 104-108.

JPRS 7249

The Petar Zoranic Turbine Tanker of 25,300-Ton Dead-Weight Capacity, (NY-5562).

CROATIAN, per, Pomorstvo, Oct 1960, pp 384-387.

\*JPRS

Job Categorization in Yugoslav Inland Waterway Enterprises, 8 pp.

CROATIAN, per, Sluzbeni List FNRJ, Vol XVI, No 21, 25 May 1960, pp 438, 439.

JPRS 7410

The Law on the Organization of Yugoslav Railroads, (NY-5666).

CROATIAN, per, Sluzbeni List FNRJ, Vol XVI, No 50, 14 Dec 1960, pp 885-895.

\*JPRS

The Law on the Organization of Yugoslav Post Offices, Telegraphs, and Telephones, (NY-5666).

CROATIAN, per, Sluzbeni List FNRJ, Vol XVI, No 50, 14 Dec 1960, pp 895-910.

\*JPRS

Housing Reform Results and Problems, by Jakov Buljan, (DC-5194).

CROATIAN, per, Socijalna Politika, Vol X, No 10, 1960, pp 59-69.

\*JPRS

Overtime Work in Economic Organizations, by Borislav Jovic, (DC-5194).

CROATIAN, per, Socijalna Politika, Vol X, No 11, 1960, pp 51-56.

\*JPRS

General Problems of Modernization and Development in Transportation, by Slavko Suvajdzic, 9 pp.

CROATIAN, per, Tehnika, Vol IV, No 6, 1960, pp 1205-1208.

JPRS 6416

Eastern Europe  
Economic (Contd)

The Means of Transport in the Light of  
the Trend Toward Modernization of Our  
Transportation, by Dusan Velickovic,  
12 pp.

CROATIAN, per, Tehnika, Vol IV, No 6,  
1960, pp 1208-1212.

JPRS 6416

Problems of Modernizing the Highway System,  
Waterways, River Ports and Airports, 4 pp.  
CROATIAN, per, Tehnika, Vol IV, No 6, 1960,  
pp 1216, 1217.

JPRS 6416

Modernization of Transportation Equipment  
and Auxiliary Gear, by Ljubo Stipanac,  
5 pp.

CROATIAN, per, Tehnika, Vol IV, No 6,  
1960, pp 1218, 1219.

JPRS 6416

Inland Waterway Transport Operations, by  
Svetislav Jovic, 5 pp.

CROATIAN, per, Tehnika, Vol IV, No 6, 1960,  
pp 1225, 1226.

JPRS 6416

The Development of Highway Construction in  
Yugoslavia 1955-1959, by Vanilije  
Dragovic, 16 pp.

CROATIAN, per, Tehnika, Vol XV, No 3, 1960,  
pp 447-453.

JPRS 7245

Designing and Construction of Housing, by  
Milos Jaric, 19 pp.

CROATIAN, per, Tehnika, Vol XV, No 10,  
1960, pp 1819-1829.

JPRS 6459

The Status of the Food Industry in Yugoslavia  
and the Prospects for Its Development, by  
Aleksandar Stefanovic, (NY-5565).

CROATIAN, per, Tehnika, Vol XV, No 11, 1960,  
pp 2132-2135.

\*JPRS

The New Organization of Yugoslav Railroads,  
by Vojislav Kolaric, (NY-5697).

CROATIAN, per, Zeleznice, Vol XVII, No 1/2,  
1961, pp 1-8.

\*JPRS

Eastern Europe  
**Eastern Europe**  
**Economic (Contd)**

New Measures Concerning National  
Committees, by Josef Zlesak, 22 pp.  
CZECH, per, Finance a Uver, No 4,  
1960, pp 193-203.

JPRS 7453

How to Create and Use Reserves in the Plan,  
by Ladislav Roubal, 26 pp.  
CZECH, per, Finance a Uver, No 4, 1960,  
pp 204-215.

JPRS 7453

Problems of the Relationships of Operating  
and Investment Credits and Operating and  
Investment Means, by Jaroslav Libus, 8 pp.  
CZECH, per, Finance a Uver, No 4, 1960,  
pp 220-223.

JPRS 7453

On the Problem of Credit Sources and Their  
Behavior, by Gustav Thomas, 11 pp.  
CZECH, per, Finance a Uver, No 4, 1960,  
pp 224-229.

JPRS 7453

We Shall Intensify and Improve the Activity  
of the State Bank in the Near Future, by  
Jan Pull, 16 pp.  
CZECH, per, Finance a Uver, No 5, 1960,  
pp 279-288.

JPRS 7306

From the Nationalization of Banks to the  
State Bank, by Ladislav Veltrusky, 9 pp.  
CZECH, per, Finance a Uver, No 5, 1960,  
pp 288-292.

JPRS 7306

State Savings Banks in the Construction of  
Socialism in Czechoslovakia, by Karal Hes,  
13 pp.  
CZECH, per, Finance a Uver, No 5, 1960,  
pp 293-300.

JPRS 7306

Some Problems of Broader Cooperation of  
the State Bank With Foreign Trade, by  
Ludovik Kovacik, 6 pp.  
CZECH, per, Finance a Uver, No 6, 1960,  
pp 344-347.

JPRS 7390

Eastern Europe  
Economic (Contd)

Modifications in Methodology of Finance Management as of 1 January 1961, by Stanislaw Sourek, 8 pp.  
CZECH, per, Finanse a Uver, No 6, 1960, pp 347-352.

JPRS 7390

Granting Credit for Operating Funds to State Trade Enterprises, by Jan Adamec, Otto Januska, 9 pp.  
CZECH, per, Finanse a Uver, No 6, 1960, pp 358-363.

JPRS 7390

Financial Requirements for Assuring New Methods of Remuneration in JZD's, by Bohumil Formanek, 9 pp.  
CZECH, per, Finanse a Uver, No 7, 1960, pp 410-415.

JPRS 7540

Long-Term Credits for JZD's, by Karel Walda, 4 pp.  
CZECH, per, Finanse a Uver, No 7, 1960, pp 427-429.

JPRS 7540

Double Shifts for Better Use of Areas and Machines, by Josef Jezek, 4 pp.  
CZECH, per, Hospodarske Noviny, Vol IV, No 21, 20 May 1960, p 4.

JPRS 7228

Production at New Klement Gottwald Metallurgical Plant, by Oldrich Malucha, 4 pp.  
CZECH, per, Hospodarske Noviny, Vol IV, No 22, 27 May 1960, p 5.

JPRS 7228

Technical Development in the Third Five-Year Plan, by Vaclav Ouzky, 7 pp.  
CZECH, per, Hospodarske Noviny, Vol IV, No 33, 12 Aug 1960, pp 1, 4.

JPRS 7368

Equipment for Power Industry, by Jiri Kurfuerst, 6 pp.  
CZECH, per, Hospodarske Noviny, Vol IV, No 38, 16 Sep 1960, p 3.

JPRS 7140

**Eastern Europe**  
**Economic (Contd)**

Development of Ferrous Metallurgy,  
by Jaromir Kolomaznik, 6 pp.  
CZECH, per, Hospodarske Noviny,  
Vol IV, No 38, 16 Sep 1960, p 3.

JPRS 7140

Development of Specialization in Machine  
Parts, by Jaroslav Karee, 5 pp.  
CZECH, per, Hospodarske Noviny, Vol  
IV, No 38, 16 Sep 1960, p 4.

JPRS 7140

Financing of New Technology in an  
Enterprise, 8 pp.  
CZECH, per, Hospodarske Noviny, Vol IV,  
No 38, 16 Sep 1960, p 8.

JPRS 7140

Low-Alloy Ferritic Steels for the  
Manufacture of Tubes, Forgings and  
Castings for Power Plant, by F. Sicha,  
V. Foldyna.  
CZECH, per, Hutnicke Listy, No 12,  
1959, pp 1097-1099.

BISI 1669

Theoretical Conditions for the Establishment  
of the Horizontal Type of Supply Organs in  
the Food Industry in Czechoslovakia, by  
Ladislav Novotny, 12 pp.  
CZECH, per, Die Lebensmittelindustrie,  
Vol VII, No 3, 1960, pp 127-133.

JPRS 7452

Forestry Month, by Vladimir Marko, 6 pp.  
CZECH, per, Les, Vol XVI, No 4, 1960,  
pp 97-100.

JPRS 7250

Power Geography in Czechoslovakia, by  
Frantisek Kahoun, 11 pp.  
CZECH, per, Natura, Vol XII, No 3,  
May/Jun 1960, pp 43-50.

JPRS 7250

Revision of Norms on Quality of Coal and  
Briquettes, by Jiri Resler (NY-5701).  
CZECH, per, Normalizace, Vol VIII, No 2,  
1960, pp 25-28.

\*JPRS

Eastern Europe  
Economic (Contd)

Substitutes for Copper and Lead in  
Electrical Engineering, by Vaclav  
Ouzky, (NY-5727).

CZECH, per, Normalizace, Vol VIII,  
No 5, 1960, pp 67-71.

\*JPRS

Technical Standardization in Agriculture  
in Third Five-Year Plan, by Otakar  
Bousek, (DC-5073).

CZECH, per, Normalizace, Vol VIII, No 6,  
1960, pp 81-84.

\*JPRS

Remuneration According to Performance in  
JZD's, by Jaroslav Kabrhel, 16 pp.  
CZECH, per, Nova Mysl, No 6, 1960,  
pp 621-631.

JPRS 7249

Intercooperative Relationships in View of  
Concentration and Specialization in  
Agriculture, by Zoe Klusakova-Svobodova,  
17 pp.

CZECH, per, Nova Mysl, No 6, 1960,  
pp 632-643.

JPRS 7249

Problems of the Continued Growth of Labor  
Productivity in the Third Five-Year Plan,  
by Karel Hopp, Milos Pick, 12 pp.  
CZECH, per, Prace a Mzda, No 1, 1960,  
pp 7-15.

JPRS 7245

Development of Czechoslovak Refineries of  
Mineral Oils Since the Liberation, 10 pp.  
CZECH, per, Ropa a Uhlí, Vol II (X), No  
5, 1960, pp 133-137.

JPRS 7250

Law on the Production, Distribution, and  
Utilization of Heating Gases, 15 pp.  
CZECH, per, Sbirka Zakonu, No 25, 10 Jun 1960,  
pp 173-178.

JPRS 7540

Directive Authorizing Monetary Advances to  
JZDs Against Planned Deliveries of Agricultural  
Products, 3 pp.  
CZECH, per, Sbirka Zakonu, No 37, 7 Jul 1960,  
pp 262, 263.

JPRS 7228

Eastern Europe  
Economic (Contd)

Structure of Czechoslovak Industry,  
by A. Cerveny, J. Vacha, 12 pp.  
CZECH, per, Statisticky Obzor,  
No 4, 1960, pp 159-165. JPRS 7390

Achievements of Public Catering  
Establishments in Czechoslovakia,  
by J. Ruzicka, 13 pp.  
CZECH, per, Statisticky Obzor,  
No 6, 1960, pp 250-255. JPRS 7540

Ten Years of Activity of the Czechoslovak  
State Bank in the Field of Statistics,  
by C. Hudec, 7 pp.  
CZECH, per, Statisticky Obzor, No 6,  
1960, pp 265-268. JPRS 7540

Future Trends in Czechoslovak Housing,  
by Vl. Srb, M. Kucera, 14 pp.  
CZECH, per, Statisticky Obzor, No 8,  
15 Aug 1960, pp 337-344. JPRS 6524

The Development of Retail Trade Prices in  
1953-1960, by J. Mach, 31 pp.  
CZECH, per, Statisticky Obzor, No 9,  
1960, pp 385-395. JPRS 7369

The Problems of Suitable Composition  
and Standard Floor-Space of Dwellings,  
by L. Labus, J. Musil, 21 pp.  
CZECH, per, Statisticky Obzor, No 9,  
1960, pp 396-402. JPRS 7369

The Cooperative Industry and Its Significance,  
by M. Voyta, 7 pp.  
CZECH, per, Statisticky Obzor, No 9, 1960,  
pp 403-405. JPRS 7309

Directives for Modernization of Machine  
Tools, by Mojmir Soukup, 12 pp.  
CZECH, per, Strojirenska Vyroba, Vol VI,  
No 4, 1958, pp 180-184. JPRS 6378



Eastern Europe  
Economic (Contd)

The Construction of Dams and Reservoirs  
in the CSR From 1945 to 1960, by  
L. Votruba, 22 pp.  
CZECH, per, Vodni Hospodarstvi, Vol  
LXXXVII, pp 225-234. (Call No  
TD204, Eng Tr).

AMS

The Food Industry in the Third Five-Year  
Plan, by Ladislav Spacinsky, 6 pp.  
CZECH, per, Vystavba Socializmu, Vol III,  
No 12, 24 Mar 1960, pp 1, 3.

JPRS 7390

Goals of Light Industry in the Third  
Five-Year Plan, by Milos Jilek, 6 pp.  
CZECH, per, Vystavba Socializmu, Vol  
III, No 13, 31 Mar 1960, pp 1, 4.

JPRS 7390

New Systems of Remuneration in Enterprises  
of the Local Economy, by Ivan Hudak,  
Gustav Benza, 4 pp.  
CZECH, per, Vystavba Socializmu, No 14,  
7 Apr 1960, pp 1, 4.

JPRS 7249

Shortcomings in Consumption of Construction  
Materials Can and Must Be Corrected by This  
Much and in These Ways, by Frantisek Paulik,  
4 pp.  
CZECH, per, Vystavba Socializmu, No 14,  
7 Apr 1960, p 5.

JPRS 7249

The Orava Dam, by L. Kalina, 4 pp.  
CZECH, per, Za Kiasami Domova, Vol VI,  
No 7, 1960, pp 152, 153. (Call No DE  
191.211, Eng Tr)

AMS

Some Questions of Organization and Management  
of Czechoslovak Foreign-Trade Enterprises,  
by Alfred Killian, 15 pp.  
CZECH, per, Zahranicni Obchod, No 8, 1960,  
pp 12-17.

JPRS 7140

Eastern Europe  
Economic (Contd)

Cooperation With the Soviet Union  
and Other Countries of the Socialist  
Camp - Principal Factor of Czech-  
oslovakia's Economic Success, by  
Karel Krejca, (NY-5653).

CZECH, per, Zahranicni Obchod, No 9,  
1960, pp 2-6.

\*JPRS

Scientific and Technical Cooperation  
Between Czechoslovakia and the Soviet  
Union, by Zdenek Kubrycht, (NY-5653).

CZECH, per, Zahranicni Obchod, No 9,  
1960, pp 39-44.

\*JPRS

Czechoslovak Foreign Trade Tasks, by  
Frantisek Kraicir, (NY-5649).

CZECH, per, Zahranicni Obchod, No 10/11,  
1960, pp 2-11.

\*JPRS

New Phase of Activities for the Czechoslovak  
Chamber of Commerce, by Josef Horn,  
(NY-5649).

CZECH, per, Zahranicni Obchod, No 10/11,  
1960, pp 19-26.

\*JPRS

Clover Seed Production Is Highly Profitable,  
by Frantisek Hamernik, 6 pp.

CZECH, per, Zemedelec, 23 Jul 1960, p 1, 4.

JPRS 7228

Thirty-Six New Varieties of Agricultural  
Plants Approved, by Frantisek Hofreiter,  
3 pp.

CZECH, per, Zemedelec, 23 Jul 1960, p 2.

JPRS 7228

Maps Printed on Textiles and Synthetic  
Paper, by Friedrich Beblo, 11 pp.

GERMAN, document, 1960 (?), pp 67-75.

JPRS 6503

Hamburg Analysis of Eastern Trade,  
September 1960.

GERMAN, rpt, Encl to Serial No 597-60,  
NA, Bonn, 23 Nov 1960.

Navy/ONI 5107568

Eastern Europe  
Economic (Contd)

Sino-Soviet Assistance to Underdeveloped Areas, Analysis and Prognosis, by Klaus Billerbeck, (SF-1439).

GERMAN, monograph, Die Auslandshilfe des Ostblocks fuer die Entwicklungslaender, May 1960, pp 23-87; 114-116.

\*JPRS

The Economy of Air Traffic as Basic Demand on Designing Airliners, by Georg Backhaus.

GERMAN, bk, Jahrbuch der Deutschen Luftfahrtforschung, 1959, pp 6-13.

\*ATTC MCL 826/1

Possibilities for Foreign Exchange Savings in Foreign Trade Transportation, by Gerhard Cron, 7 pp.

GERMAN, per, Der Aussenhandel, No 3, 10 Feb 1960, pp 22, 23.

JPRS 7195

East German Air Transport and Its Significance to Foreign Trade, by K. H. Winker, S. Stempniewski, (NY-5636).

GERMAN, per, Der Aussenhandel, Vol X, No 21, 3 Nov 1960, pp 9-15.

\*JPRS

Recultivation, An Important Economic Task of the Soft-Coal Industry, by G. Seidelbach, 6 pp.

GERMAN, per, Bergbautechnik, Vol X, No 6, 1960, pp 332-335.

JPRS 6459

Operations of the Sangerhaeuser Copper Mine, by Juergen Warthemann, (DC-5032).

GERMAN, per, Bergbautechnik, Vol X, No 10, 1960, pp 524-537.

\*JPRS

Importance of Resolutions of the Ninth Plenum of the SED Central Committee for the Mining Industry, by H. Geyer, H. Krusche, (DC-5163).

GERMAN, per, Bergbautechnik, Vol X, No 11, 1960, pp 553-557.

\*JPRS

Eastern Europe  
Economic (Contd)

New Technological Plan of the VVB  
Brown Coal Cottbus, (DC-5163).  
GERMAN, per, Bergbautechnik, Vol X,  
No 11, 1960, pp 557-560.

\*JPRS

The Use of Conveyor Belts in the VEB  
Hard Coal Mine Oelsnitz, by G. Scholze,  
Hoy, (DC-5163).  
GERMAN, per, Bergbautechnik, Vol X,  
No 11, 1960, pp 585-595.

\*JPRS

Status of the Construction of Installations  
for the Chemical Industry, by Erhard  
Kurze, 12 pp.  
GERMAN, per, Chemie Rundschau, Vol II,  
No 31, 5 Aug 1960, p 4.

JPRS 7140

Development of the Chemical Industry in  
Czechoslovakia in the Past Fifteen Years,  
11 pp.  
GERMAN, per, Chemische Technik, Vol XII,  
No 6, 1960, pp 305-308.

JPRS 7251

Machinery and Apparatus for the Chemical  
Industry at the Leipzig Spring Fair 1960,  
by Blauhaut, 20 pp.  
GERMAN, per, Chemische Technik, Vol XII,  
No 6, 1960, pp 309-318.

JPRS 7251

The Control Technique of the German Democratic  
Republic at the Leipzig Spring Fair, by  
Schulze, 4 pp.  
GERMAN, per, Chemische Technik, Vol XII,  
No 6, 1960, pp 318, 319.

JPRS 7251

Tasks of Agricultural Machine- and Tractor-  
Building Industry, by J. Leuschner, 8 pp.  
GERMAN, per, Deutsche Agrartechnik, Vol X,  
No 7, 1960, pp 289-291.

JPRS 7452

Work Connected With the Cash Circulation  
Plan, by Guenther Scherf, (NY-5722).  
GERMAN, per, Deutsche Finanzwirtschaft,  
Vol XIV, No 11, Jun 1960, pp G201-G204.

\*JPRS

Eastern Europe  
Economic (Contd)

German Motor-Vehicle Driving  
Research and Road-Traffic Engineer-  
ing, by O. Bode, Paul Ochner.

GERMAN, per, Deutsche Kraftfahrt-  
forschung und Strassenverkehrs-  
technik, Vol CXX, 1958, Vol CXXVII,  
1959, Vol CXXX, 1959, Vol CXXXI,  
1959.

\*ACSI, H-8027  
ID 2156411

Reorganization of Land Holdings in  
Large-Scale **Socialist** Agricultural  
Enterprises, by M. H. Olberts,  
H. Henning, 12 pp.

GERMAN, per, Die Deutsche Landwirt-  
schaft, Vol XI, No 6, 1960,  
pp 270-273.

JPRS 7452

Organization of Hog-Raising in LPG's,  
by H. Hensel, 9 pp.

GERMAN, per, Die Deutsche Landwirt-  
schaft, Vol XI, No 6, 1960, pp 273-277.

JPRS 7452

Organization and Status of Agricultural  
Research in East Germany, by E. Plachy,  
14 pp.

GERMAN, per, Die Deutsche Landwirt-  
schaft, Vol XI, No 8, 1960, pp 365-369.

JPRS 7368

Higher Quality of Planning and Administra-  
tion of the Economy, by Bruno Leuschner,  
24 pp.

GERMAN, per, Einheit, Vol XV, No 2, 1960,  
pp 193-208.

JPRS 7305

Several Problems Concerning the Supply of  
Consumer Goods, by Grete Wittkowski,  
18 pp.

GERMAN, per, Einheit, Vol XV, No 2, 1960,  
pp 256-267.

JPRS 7305

The Relation Between Accumulation and Con-  
sumption in Socialism and Its Development  
During the Seven-Year Plan, by Herbert  
Neumann, (NY-5650).

GERMAN, per, Einheit, No 9, 1960,  
pp 1345-1356.

\*JPRS

Eastern Europe  
Economic (Contd)

Several Problems in the Liberation  
Movement of Underdeveloped Countries,  
by Gustav Hertzfeldt, Paul Markowski,  
(SF-1448).

GERMAN, per, Einheit, No 10, 1960,  
pp 1586-1601.

\*JPRS

Analysis of the Production of Ammeters,  
by A. Kloeffer, W. Ziprian, 18 pp.  
GERMAN, per, Elektrie, Vol XIV, No 8,  
1960, pp 284-288.

JPRS 7395

Standardization of High Frequency Heating  
Installations, by E. Tripmacher, (DC-5165).  
GERMAN, per, Elektrie, Vol XIV, No 11,  
1960, pp 382-385.

\*JPRS

Long-Range View of the Energy Economy,  
by A. Wolf, (NY-5702).  
GERMAN, per, Energietechnik, Vol X,  
No 11, 1960, pp 475-479.

\*JPRS

Some Problems of Socialist Reconstruction  
Within the VVB Optics, by H. Goese,  
8 pp.  
GERMAN, per, Feingeraete Technik, Vol VIII,  
No 11, 1959, pp 489-491.

JPRS 7195

Production Program of the VEB Vakutronik  
Dresden, by G. Bartels, (DC-5049).  
GERMAN, per, Feingeraete Technik, Vol IX,  
No 9, 1960, pp 381-384.

\*JPRS

Standardization in the Manufacturing of  
Machine Tools, by Egon Renpe, (NY-5645)  
GERMAN, per, Fertigungstechnik und  
Betrieb, Vol X, No 11, 1960, pp 661-664.

\*JPRS

Cutting Ceramics for the Manufacturing  
of Machine Tools, by R. Reinhold, (NY-5645).  
GERMAN, per, Fertigungstechnik und Betrieb,  
Vol X, No 11, 1960, pp 679-683, 695.

\*JPRS

Eastern Europe  
Economic (Contd)

Resolution on Supplying the Economy and the People With Construction Materials, (DC-5155).

GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part I, No 25, 30 Apr 1960, pp 243-247.

\*JPRS

Decree on Financing Construction Measures for the Procurement and Maintenance of Private Housing Space, (NY-5622).

GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part I, No 34, 28 May 1960, pp 351-354.

\*JPRS

Decree on the Establishment of Advisory Councils for Socialist Housing Construction Cooperatives, (NY-5623).

GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part I, No 39, 9 Jul 1960, pp 403-405.

\*JPRS

Order on Cooperation Between Trade and Production (NY-5683).

GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part II, No 39, 19 Nov 1960, pp 427-437.

\*JPRS

Order on the Statute of the Deutsche Reichsbahn, (DC-5101).

GERMAN, per, Gesetzblatt der Deutschen Demokratischen Republik, Part II, No 43, 6 Dec 1960, pp 453-459.

\*JPRS

Have We a Concrete Regional Economic Policy, by Erich Dittrich, 12 pp.

GERMAN, per, Informationen, Vol X, No 17/60, 8 Sep 1960, pp 403-416.

JPRS 6298

Tasks and Organization of the Technical-Scientific Computer Section in the VEB for Turbines and Generators, by H.

Mludek, 9 pp.

GERMAN, per, Maschinenbau, Vol IX, No 7, 1960, pp 371-373.

JPRS 7452

Eastern Europe  
Economic (Contd)

Setting Up of Continuous Production Line, by Goetze Butters, 13 pp.  
GERMAN, per, Maschinenbau, Vol, IX, No 8, 1960, pp 241-247.

JPRS 7140

Influence of Sales on Production and Technical Level of Products, by Heinz Bartels, Anton Neumann, (DC-5041).  
GERMAN, per, Materialwirtschaft, Vol VIII, No 19, Oct 1960, pp 4-7.

\*JPRS

Cadres -- A Real Problem for the Conference on the Electrical Industry, by W. Heinze, 6 pp.  
GERMAN, per, Nachrichtentechnik, Vol X, No 5, 1960, pp 189, 190.

JPRS 7249

Resolution of the Economic Committee of the Politbureau and the State Planning Commission on the Solution of the Tasks of the Electrical Equipment Industry in the Seven-Year Plan, 68 pp.  
GERMAN, per, Nachrichtentechnik, Vol X, No 9, 1960, pp 2-24.

JPRS 7245

The Economy of the Soviet Bloc Under CEMA, (DC-5179).  
GERMAN, np. Neue Zuercher Zeitung, 15-16, 19 Dec 1960.

\*JPRS

Long-Distance Propagation of Ultrashort Waves, by Guenther Bull, Heinz Lange, 13 pp.  
GERMAN, per, Radio und Fernsehen, Vol IX, No 3, 1 Feb 1960, pp 67-70.

JPRS 7395

Mutual Relations Between Foreign Trade and Export Industry in East Germany, by Hellmut Wagner, 14 pp.  
GERMAN, per, Recht im Aussenhandel (Supple. to Der Aussenhandel), 1960, No 5, 18 May 1960, pp 1-5.

JPRS 7390



Eastern Europe  
Economic (Contd)

New Passenger Ships for the Upper Elbe, by Luetlich, (DC-5175).

GERMAN, per, Die Schifffahrt, Vol VII, No 12, 1960, 6 pp.

\*JPRS

On the Improvement of Economic Long-Range Planning, by Johannes Rudolph, Hans Knop, Rolf Pieplow, (DC-5208).  
GERMAN, per, Sozialistische Planwirtschaft, Vol I, No 5, Sep 1960, pp 3-11.

\*JPRS

Accidents in the German Iron and Steel Industry 1956 - Works Accidents Statistics, by H. Antoni.

GERMAN, per, Stahl und Eisen, 14 Nov 1957, pp 1692-1698.

BISI 892

Costs of Rolling High-Quality Steel Bar as Related to Output and Size of Batches, by G. Ibach.

GERMAN, per, Stahl und Eisen, 26 May 1960, pp 744-751.

BISI 1800

The New Buildings of the Bremen Works of the Klockner-Werke AG on the North Sea Coast, I, by W. Heemeyer, W. Asbeck.  
GERMAN, per, Stahl und Eisen, 27 Oct 1960, pp 1443-1448.

\*BISI 2011

Waste Heat Utilization and Combination of Gas-Turbine and Steam Power in the Steel Industry, by H. Pfenninger.

GERMAN, per, Stahl und Eisen, 27 Oct 1960, pp 1540-1549.

\*BISI 2012

Standardization in the East German Electrical Industry, by W. Meister, 10 pp.

GERMAN, per, Standardisierung, Vol VI, No 10, Jun 1960, pp 469-472.

JPRS 7452

Eastern Europe  
Economic (Contd)

Analysis of the Fulfillment of the  
Standardization Plan During the  
First Six Months of 1960, (NY-5582).

GERMAN, per, Standardisierung, Vol  
VI, No 17, Sep 1960, pp 883-889.

\*JPRS

The Importance of Standardization  
in East Germany's Industry, (DC-5197).

GERMAN, per, Standardisierung, Vol VI,  
No 20, Nov 1960, pp 1/1031.

\*JPRS

Family Income in Households of Workers  
and Employees, by Siegfried Pech, 10 pp.

GERMAN, per, Statistische Praxis, Vol  
XV, No 4, 1960, pp 81-83.

JPRS 7195

Effective Control Result in Higher  
Quality for Construction Industry, by  
Heinz Mueller, Bruno Minowsky, 6 pp.

GERMAN, per, Statistische Praxis,  
Vol XV, No 4, 1960, pp 84, 85.

JPRS 7195

Revaluation of Fixed Assets in the GDR,  
by Horst Frase, (NY-5633).

GERMAN, per, Statistische Praxis, No 10,  
1960, pp 225-228.

\*JPRS

Development of East German Industry, by  
L. Rouscik, (DC-5193).

GERMAN, per, Die Technik, Vol XV, No 11,  
1960, pp 705-708.

\*JPRS

Proposal for State Regulation of Standard-  
ization in East Germany, 9 pp.

GERMAN, per, Technische Gemeinschaft,  
Vol VIII, No 6, 1960, pp 2-4.

JPRS 7452

Standardization in Agricultural Machine  
and Tractor Construction, by K. Dietrich,  
D. Ruschel, 8 pp.

GERMAN, per, Technische Gemeinschaft,  
Vol VIII, No 6, 1960, pp 201-204.

JPRS 7452

Eastern Europe  
Economic (Contd)

Standardization of Chain Drives in Mining, by R. Bergmann, (NY-5579).  
GERMAN, per, Die Technik, Vol XV, No 10, 1960, pp 654-659.

\*JPRS

Steel and Steel Products for Nuclear Power Plants, by F. Bruhl, L. Schaeben.  
GERMAN, per, Verein Deutscher Ingenieure Z, No 34, 1959, pp 1645-1649.

BISI 1923

Structural Changes in Bulgaria's Foreign Trade, by Dinko Toshev, (SF-1418).  
GERMAN, per, Wirtschaftsdienst, Vol LX, No 11, 1960, pp 627-630.

\*JPRS

Automatic Control of Radiometers, by Jiri Macku, (NY-5572).  
GERMAN, per, Z. fuer Messen, Steuern, Regeln, Vol III, No 9, 1960, pp 395-398.

\*JPRS

Increase in Transportation Services Requires Better Methods for Utilization of Freight Cars, by R. I. Robel, 4 pp.  
GERMAN, per, Z der Organisation fuer die Zusammenarbeit der Eisenbahnen, Vol III, No 2, 1960, pp 1, 2.

JPRS 6608

Ten Years of Scientific and Technological Development of Railroads in the Chinese Peoples Republic, by Mao I-shen, Tshai Mo, 12 pp.  
GERMAN, per, Z der Organisation fuer die Zusammenarbeit der Eisenbahnen, Vol III, No 2, 1960, pp 3-8.

JPRS 6608

Electro-Pneumatic Brakes for Passenger and Freight Cars, by N. Albegow, 5 pp.  
GERMAN, per, Z der Organisation fuer die Zusammenarbeit der Eisenbahnen, Vol III, No 2, 1960, pp 9-11.

JPRS 6608

Eastern Europe  
Economic (Contd)

OSShD Cooperation With Other International Transportation Organizations, by Jaromir Rezabek, 4 pp.  
GERMAN, per, Z der Organisation fuer die Zusammenarbeit der Eisenbahnen, Vol III, No 2, 1960, pp 12, 13.

JPRS 6608

Report on the Work of the OSShD Committee and Commissions, 7 pp.  
GERMAN, per, Z der Organisation fuer die Zusammenarbeit der Eisenbahnen, Vol III, No 2, 1960, pp 15-17.

JPRS 6608

Standardization of and Specialization in the Production of Traction Rolling Stock, by S. S. Kalinin, 6 pp.  
GERMAN, per, Z der Organisation fuer die Zusammenarbeit der Eisenbahnen, Vol III, No 3, 1960, pp 1-3.

JPRS 6421

Effective Measures to Reduce the Tare of Railroad Cars, by R. Gutter, 10 pp.  
GERMAN, per, Z der Organisation fuer die Zusammenarbeit der Eisenbahnen, Vol III, No 3, 1960, pp 4-7.

JPRS 6421

Small-Scale Mechanization of Maintenance of Way, 8 pp.  
GERMAN, per, Z der Organisation fuer die Zusammenarbeit der Eisenbahnen, Vol III, No 3, 1960, pp 8-11.

JPRS 6421

Some Experiences Concerning Long-Distance Highway Freight Transportation Using the Prime Mover Exchange System, by O. S. Smirnov, 7 pp.  
GERMAN, per, Z der Organisation fuer die Zusammenarbeit der Eisenbahnen, Vol III, No 3, 1960, pp 12-14.

JPRS 6421

Eastern Europe  
Economic (Contd)

Establishment of a Technical and  
Economic Information System -- An  
Urgent OSShD Task, by Vilem Olsar,  
8 pp.

GERMAN, per, Z der Organisation fuer  
die Zusammenarbeit der Eisenbahnen,  
Vol III, No 3, 1960, pp 15-17.

JPRS 6421

Report on the Work of the OSShD Committee  
and Commissions, 13 pp.

GERMAN, per, Z der Organisation fuer  
die Zusammenarbeit der Eisenbahnen,  
Vol III, No 3, 1960, pp 18-23.

JPRS 6421

Conference of Transportation Ministers,  
by H. Drazkiewics, 4 pp.

GERMAN, per, Z der Organisation fuer die  
Zusammenarbeit der Eisenbahnen, Vol III,  
No 4, 1960, pp 1-3.

JPRS 4274

Development of the Rumanian Transportation  
Industry and Cooperation With the Socialist  
Countries, by D. R. Mocanu, 3 pp.

GERMAN, per, Z der Organisation fuer die  
Zusammenarbeit der Eisenbahnen, Vol III,  
No 4, 1960, pp 4, 5.

JPRS 4274

Main Tasks of the Polish Road System, by  
A. Gajkowicz, 6 pp.

GERMAN, per, Z der Organisation fuer die  
Zusammenarbeit der Eisenbahnen, Vol III,  
No 4, 1960, pp 6-8.

JPRS 4274

Public Motor Traffic in the RSFSR, by  
F. W. Kalabuchow, 4 pp.

GERMAN, per, Z der Organisation fuer die  
Zusammenarbeit der Eisenbahnen, Vol III,  
No 4, 1960, pp 9, 10.

JPRS 4274

Eastern Europe  
Economic (Contd)

Improved Service for Tourists in the  
International SMPS Traffic, by Chan  
Li-pin, 4 pp.

GERMAN, per, Z der Organisation fuer  
die Zusammenarbeit der Eisenbahnen,  
Vol III, No 4, 1960, pp 11, 12.

JPRS 4274

Power Supply for Tourist Cars, by I. T.  
Timoshenko, 5 pp.

GERMAN, per, Z der Organisation fuer die  
Zusammenarbeit der Eisenbahnen, Vol III,  
No 4, 1960, pp 13-15.

JPRS 4274

The Concept of Traffic Law, by W. Gorski,  
7 pp.

GERMAN, per, Z der Organisation fuer  
die Zusammenarbeit der Eisenbahnen,  
Vol III, No 4, 1960, pp 16, 17, 20, 21.

JPRS 4274

Report on the Work of the OSShD  
Committee and Commissions, 18 pp.  
GERMAN, per, Z der Organisation fuer  
die Zusammenarbeit der Eisenbahnen,  
Vol III, No 4, 1960, pp 22-31.

JPRS 4274

Eastern Europe  
Economic (Contd)

Statistics on the Hungarian Construction Industry for 1949-1957, 292 pp.  
HUNGARIAN, bk, Építőipari Adatok, 1949-1957, pp 5-285.

JPRS 6418

The Second Five-Year Plan (1961-1965), by Arpad Kiss, 46 pp.  
HUNGARIAN, per, Allam es Igazgatas, Vol X, No 5, 1960, pp 321-339.

JPRS 7369

Timely Problems of Development in Domestic Industry, by Sandor Igaz, (DC-5023).  
HUNGARIAN, per, Allam es Igazgatas, Vol X, No 11, 1960, pp 844-851.

\*JPRS

Research on the Profitableness of Hungarian Foreign Trade, by E. Faude, 14 pp.  
HUNGARIAN, per, Der Aussenhandel, No 12, 15 Jun 1960, pp 20-24.

JPRS 7306

The Significance of Mining in the Hungarian Economy, by Sandor Czottner, (DC-5176).  
HUNGARIAN, per, Bányászati Lapok, Vol XCIII, No 11, 1960, pp 735-739.

\*JPRS

Aims and Achievements of Hungarian Mining, by Ferenc Levardi, (DC-5176).  
HUNGARIAN, per, Bányászati Lapok, Vol XCIII, No 11, 1960, pp 740-747.

\*JPRS

Current Achievements and Further Tasks of Network Operation, by Lipot Kiss, (DC-5042).  
HUNGARIAN, per, Electrotechnika, Vol LIII, No 10, 1960, pp 427-433.

\*JPRS

Problems in the Development of Medium and Low Voltage Networks, by Istvan Futo, (DC-5042).  
HUNGARIAN, per, Electrotechnika, Vol LIII, No 10, 1960, pp 449-457.

\*JPRS

Long-Range Problems of Network Planning, by Istvan Nemeth, (DC-5042).  
HUNGARIAN, per, Electrotechnika, Vol LIII, No 10, 1960, pp 457-464.

\*JPRS

Eastern Europe  
Economic (Contd)

Natural Gas Has Become a Major Source of  
Energy, 7 pp.

HUNGARIAN, per, Figyelo, Vol IV, No 19,  
10 May 1960, pp 1, 2.

JPRS 7250

Some Thoughts Concerning the Structural  
Alteration of the Chemical Industry, by Tamas  
Szecsko, 5 pp.

HUNGARIAN, per, Figyelo, Vol IV, No 19,  
10 May 1960, p 5.

JPRS 7250

1959--A Turning Point in the Life of the  
State Farms, by Marton Lovas, 5 pp.

HUNGARIAN, per, Figyelo, Vol IV, No 20,  
17 May 1960, p 8.

JPRS 7250

Machine Tools Exhibited at the Budapest  
Industrial Fair, by Laszlo Kazinczy, (DC-5026).

HUNGARIAN, per, Gep, Vol XII, No 10, 1960,  
pp 377-386.

\*JPRS

Comments on the Second Five-Year Plan by the  
Department of Machine Tools of the Scientific  
Society of the Machine Industry, by Laszlo  
Prockl, 12 pp.

HUNGARIAN, per, Ipargazdasag, Vol XII, No 5,  
1960, pp 4-6.

JPRS 7328

Tasks for Industrial Power Management, by  
Sandor Csenterics, (NY-5625).

HUNGARIAN, per, Ipari Energiagazdalkodas,  
Vol I, No 1/4, Jul/Oct 1960, pp 8-13.

\*JPRS

Problems of Power Management, by Istvan  
Hasz, (NY-5625).

HUNGARIAN, per, Ipari Energiagazdalkodas,  
Vol I, No 1/4, Jul/Oct 1960, pp 14-21.

\*JPRS

Uses for Nuclear Energy in Hungary, by  
Andras Levai, (NY-5625).

HUNGARIAN, per, Ipari Energiagazdalkodas,  
Vol I, No 1/4, Jul/Oct 1960, pp 22-26.

\*JPRS



Eastern Europe  
Economic (Contd)

Coordination of Power Management, by Bela Havas, (NY-5625).

HUNGARIAN, per, Ipari Energiagazdalkodas, Vol I, No 1/4, Jul/Oct 1960, pp 32-36.

\*JPRS

Possibilities for Saving Energy in Iron Foundries, by Gyula Molnar, (NY-5625).

HUNGARIAN, per, Ipari Energiagazdalkodas, Vol I, No 1/4, Jul/Oct 1960, pp 58-62.

\*JPRS

Development of the Szekesfehervar Light-Metal Works, by Dezso Lomniczky, Laszlo Zachar, 11 pp.

HUNGARIAN, per, Kohaszati Lapok, Vol XCIII, No 7, 1960, pp 298-301.

JPRS 7286

Some Problems of Financing Housing Construction, by Ferenc Kacsenyak, (NY-5680).

HUNGARIAN, per, Kozgazdasagi Szemle, Vol VII, No 12, 1960, pp 1389-1404.

\*JPRS

Food Industry and Tea Trade in Hungary, by Gyorgy Nagy, 9 pp.

HUNGARIAN, per, Die Lebensmittelindustrie, Vol VII, No 2, 1960, pp 84-88.

JPRS 7452

The Szentes Television Transmitting Station, by Gyorgy Kovaloczy, Jeno Vago, (DC-5075).

HUNGARIAN, per, Magyar Híradastechnika, Vol XI, No 3, 1960, pp 91-96.

\*JPRS

The Manufacture of Printed Circuits in Hungary, by Ferenc Hasko, (DC-5075).

HUNGARIAN, per, Magyar Híradastechnika, Vol XI, No 3, 1960, pp 115-118.

\*JPRS

The Role of the Lang Machine Factory as a Producer of Machines and Devices for the Hungarian Chemical Industry, by Istvan Nagy, 24 pp.

HUNGARIAN, per, Magyar Kemikusok Lapja, Vol XV, No 4, 1960, pp 182-188.

JPRS 7251

Eastern Europe  
Economic (Contd)

Development of the Hungarian Nitrogen Industry,  
by Sandor Gor-nagy, 8 pp.

HUNGARIAN, per, Magyar Kemikusok Lapja, Vol XV,  
No 5/6, 1960, pp 189-192.

JPRS 7445

Some Experiences in the Operation of the Borsod  
Chemical Combine, by Jozsef Hay, Gyorgy Zalai,  
13 pp.

HUNGARIAN, per, Magyar Kemikusok Lapja, Vol XV,  
No 5/6, 1960, pp 220-224.

JPRS 7445

The Nitrogen Plant of the Tisza-Region Chemical  
Combine, by Matyas Keresztes, 39 pp.

HUNGARIAN, per, Magyar Kemikusok Lapja, Vol XV,  
No 5/6, 1960, pp 225-238.

JPRS 7445

Decree No 26/1960 (V.21.) of the Hungarian  
Revolutionary Worker-Farmer Government Regulat-  
ing Motor Transportation Services, 75 pp.

HUNGARIAN, per, Magyar Kozlony, No 41, 21 May  
1960, pp 265-288.

JPRS 7466

Decrees on Modification of Radio Regulations,  
by Antal Katona, 8 pp.

HUNGARIAN, per, Magyar Kozlony, No 66, 6 Aug  
1960, pp 453-459.

JPRS 6459

Council of Ministers Decision on State Assist-  
ance for the Economic Strengthening and  
Development of TSZs, (DC-5055).

HUNGARIAN, per, Magyar Kozlony, No 101,  
17 Nov 1960, pp 697-708.

\*JPRS

Ten Years of the Socialist Instrument Industry,  
by Ervin Horvai, 13 pp.

HUNGARIAN, per, Meres es Automatika, Vol VIII,  
No 4, 1960, pp 97-99.

JPRS 7328

Training of Engineers for the Instrument Industry  
and the Future of the Industry, by Pal Tokodi,  
15 pp.

HUNGARIAN, per, Meres es Automatika, Vol VIII,  
No 4, 1960, pp 108-110.

JPRS 7328

Eastern Europe  
Economic (Contd.)

Urkut Manganese Ore, by Laszlo Visnyovszky,  
4 pp.

HUNGARIAN, per, Muszaki Elet, Vol XV, No 16,  
4 Aug 1960, p 12.

JPRS 7328

Some Suggestions by Technical Societies to the  
Machine Tool Industry, 3 pp.

HUNGARIAN, per, Muszaki Elet, Vol XV, No 18,  
1 Sep 1960, p 4.

JPRS 7251

Interdepartmental Committees for the Development  
of the Synthetic Material Industry, 4 pp.

HUNGARIAN, per, Muszaki Elet, Vol XV, No 18,  
1 Sep 1960, p 5.

JPRS 7251

Regulation of Wages on Research Institute  
Personnel, by Gyula Dersi, 3 pp.

HUNGARIAN, per, Muszaki Elet, Vol XV, No 2,  
29 Sep 1960, p 16.

JPRS 6461

Main Trends in the Development of Foundry  
Technology, by Janos Payer, 13 pp.

HUNGARIAN, per, Ontode (supplement to Kohaszati  
Lapok), Vol XI, No 5, 1960, pp 97-99.

JPRS 7328

The Structure of Our Industry by Branches, by  
E. Gyorgy Pal, 8 pp.

HUNGARIAN, per, Statisztikai Szemle, No 4, 5,  
Apr-May 1957, pp 377-384.

Bu of Census  
Foreign Manpower  
Res Off

Cooperative Industry and Private Small Industry,  
by Laszlo Bela, 7 pp.

HUNGARIAN, per, Statisztikai Szemle, No 1,  
1959, pp 82-88.

Bu of Census  
Foreign Manpower  
Res Off

Some Problems of Grouping the Population by  
Social Strata, by Mod Aladarne, 9 pp.

HUNGARIAN, per, Statisztikai Szemle, No 3,  
1960, pp 227-235.

Bu of Census  
Foreign Manpower  
Res Off

Rationalization and Electric Power Management,  
by Bela Havas, 39 pp.

HUNGARIAN, per, Villamossag, Vol VIII, No 2/3,  
1960, pp 33-41.

JPRS 7410

Eastern Europe  
Economic (Contd)

Requirements of the Electric Power Industry for Domestic Cable Production, by Ferenc Palos, 38 pp. HUNGARIAN, per, Villamosag, Vol VIII, No 2/3, 1960, pp 63-70.

JPRS 7466

The Polish Financial System, by Zbigniew Pirozynski, Emanuel Winter, (DC-5010). POLISH, bk, Rocznik Polityczny i Gospodarczy, 1959, 1960, pp 657-699.

\*JPRS

Description of New Radio Broadcasting Station in Rzeszow, by Czeslaw Karczmarewicz, 13 pp. POLISH, per, Biuletyn Techniczny, Vol V, No 3, Jul/Sep 1960, pp 1-8.

JPRS 7445

Technical Progress in the Shipbuilding Industry, by W. Orszulok, E. Zabiello, J. Zydowo, 7 pp. POLISH, per, Budownictwo Okretowe, Vol V, No 4, 1960, pp 94-97.

JPRS 7453

B-15 Trawler-Factory Ship, by Wlodzimierz Piltz, 10 pp. POLISH, per, Budownictwo Okretowe, Vol V, No 7, 1960, pp 192-195.

JPRS 7228

Cooperation of Ship Classification Institutes in Bloc Countries, by Roman Somnicki, 9 pp. POLISH, per, Budownictwo Okretowe, Vol V, No 8, 1960, pp 256, 257.

JPRS 7410

"Rambutan", The First 900 Deadweight Ton Freighter for Indonesia, by F. Bembnowski, A. Robakowicz, (NY-5570). POLISH, per, Budownictwo Okretowe, Vol V, No 10, 1960, pp 296-298.

\*JPRS

Telemetering System With Induction Transformer for Long-Distance Measuring, by Jerzy Horski, 5 pp. POLISH, per, Chemik, Vol III, No 6, 1960, pp 271, 272.

JPRS 7540

Eastern Europe  
Economic (Contd)

Problems of the Plant Protection Agents Industry,  
by Feliks Litwiniak, 7 pp.  
POLISH, per, Chemik, Vol XIII, No 3, 1960,  
pp 110-112.

JPRS 7423

1960 Chemical Industry Plan, by Mieczyslaw  
Haber, 11 pp.  
POLISH, per, Chemik, Vol XIII, No 4, 1960,  
pp 167-170.

JPRS 7391

Agricultural Investments, by Mieczyslaw Jagelski,  
9 pp.  
POLISH, np, Chlopska Droga, 20-24 Jul 1960,  
p 3.

JPRS 7422

Erection of Power Station in Turow, by Jerzy  
Zabokrzycki, Jozef Proszynski, 7 pp.  
POLISH, per, Energetyka, Vol XIV, No 4, Part II,  
1960, pp 108-112.

JPRS 7422

Transformer Problems in the Southern Electric  
Distribution Area, by Bohdan Dlugosz, 9 pp.  
POLISH, per, Energetyka, Vol XIV, No 6, 1960,  
pp 180-183.

JPRS 7540

Technical Progress in Power Industry, by  
Wilhelm Heller, 15 pp.  
POLISH, per, Energetyka, Vol XIV, No 8, 1960,  
pp 233-237.

JPRS 7445

Proper Economy in Ferrous Metallurgy, by Jan  
Mikulski, 8 pp.  
POLISH, per, Energetyka Przemyslowa, Vol VIII,  
No 6, 1960, pp 180, 181.

JPRS 7540

Electrical Power Consumption in Hard Coal  
Mines, by Edmund Kamineski, 10 pp.  
POLISH, per, Energetyka Przemyslowa, Vol VIII,  
No 7, 1960, pp 221-223.

JPRS 7410

Conference on Technical Progress in Power  
Industry, by Andrzej Bozek, 9 pp.  
POLISH, per, Energetyka Przemyslowa, Vol VIII,  
No 7, 1960, pp 230-232.

JPRS 7410

Eastern Europe  
Economic (Contd)

Further Changes in the Finance System and Planning Methods in Domestic Trade, by Jerzy Piskorski, 8 pp.

POLISH, per, Finanse, No 5, 1960, pp 11-16.

JPRS 6464

Changes in Financial System of State Farms (PGRs), by Edmund Zawadzki, 10 pp.

POLISH, per, Finanse, Vol XI, No 6, 1960, pp 18-24.

JPRS 7228

Problems of Financial Balance, by Tadeusz Kierczynski, Mieczyslaw Kucharski, 16 pp.

POLISH, per, Finanse, Vol XI, No 7, 1960, pp 1-11.

JPRS 7286

Budget Differences in Domestic Turnover, by Stanislaw Chudzynski, 13 pp.

POLISH, per, Finanse, Vol XI, No 7, 1960, pp 47-54.

JPRS 7286

Investment Problems in the Light of PZPR Central Committee Fifth Plenum Resolutions, by S. W., 15 pp.

POLISH, per, Finanse, Vol XI, No 8, 1960, pp 4-12.

JPRS 7238

Analysis of Yearly Investment Plans, by Zygmunt Saldak, 14 pp.

POLISH, per, Finanse, Vol XI, No 8, 1960, pp 25-33.

JPRS 7238

Financial Organization of State Enterprises in East Germany, by Bronislaw Blass, 13 pp.

POLISH, per, Finanse, Vol XI, No 8, 1960, pp 44-51.

JPRS 7238

After the Introduction of Price Reform of Supply and Investment Goods, by Stanislaw Majewski, (NY-5569).

POLISH, per, Finanse, Vol XI, No 9, 1960, pp 1-9.

\*JPRS

Eastern Europe  
Economic (Contd)

Main Directions and Tasks of the State Income Apparatus in the Present Period, by Zdzislaw Rostkowski, (NY-5569).

POLISH, per, Finanse, Vol XI, No 9, 1960, pp 10-22.

\*JPRS

Housing Construction in the Final Years of the 1956-1960 Five Year Plan, by Jerzy Gniewaszewski, (NY-5569).

POLISH, per, Finanse, Vol XI, No 9, 1960, pp 27-32.

\*JPRS

Tasks of the Agricultural Bank in the Implementation of the Resolutions of the Fifth Plenum of the Central Committee of the PZPR, by Edward Boron, (NY-5569).

POLISH, per, Finanse, Vol XI, No 9, 1960, pp 33-40.

\*JPRS

Interest, an Unpopular Unused Reserve, by Wladyslaw Latas, (NY-5569).

POLISH, per, Finanse, Vol XI, No 9, 1960, pp 41-45.

\*JPRS

Rapidity of Currency Circulation in Poland, East Germany, and Yugoslavia, by Adam Zwass, (NY-5569).

POLISH, per, Finanse, Vol XI, No 9, 1960, pp 46-61.

\*JPRS

Technical Progress Tasks of Motor-Vehicle Transportation, by Marian Madeyski, Jan Marzec, 16 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 4, 1960, pp 10-15.

JPRS 7195

Capital Absorption of Exports, by Pawel Glikman, 21 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 4, 1960, pp 31-38.

JPRS 7195

Eastern Europe  
Economic (Contd)

Foreign Trade Prices and Effectiveness of Foreign Exchange in Production, by Aliksander Rolow, 19 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 4, 1960, pp 39-45.

JPRS 7195

The Two Ceilings and Growth Rate of Investment in 1959, by Eugeniusz Rychlewski, 15 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 5, 1960, pp 7-12.

JPRS 7306

The Problem of Planning the Wage Fund, by Wieslaw Krencik, Stanislaw Spotan, 14 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 5, 1960, pp 21-25.

JPRS 7391

The Wage System Should Stimulate Economy in the Use of Live Labor, Machines, and Materials, by Henryk Krol, 12 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 5, 1960, pp 26-29.

JPRS 7391

Rate of Industrial Development in Poland as Compared With That of Other Socialist Countries, by Tadeusz Gradowski, 17 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 5, 1960, pp 30-34.

JPRS 7391

CEMA's Production Plan for Plastics for Construction for 1960-1965, by Miron Pomianowski, 12 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 5, 1960, pp 49-52.

JPRS 7391

Review of the Economic Situation in Poland in 1959, 12 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 5, 1960, pp 53-57.

JPRS 7391

Problems of Changing Supply Prices in Poland, by Jerzy Zachariasz, 14 pp.

POLISH, per, Gospodarka Planowa, Vol XV, No 6, 1960, pp 1-5.

JPRS 7368



Eastern Europe  
Economic (Contd)

Change in the Structure of Fats Consumption in Poland, by M. Stepinski, 9 pp.  
POLISH, per, Gospodarka Planowa, Vol XV, No 6, 1960, pp 51-54.

JPRS 7368

Results of the General Inventory of Fixed Assets, by Stanislaw Rog, (NY-5612).  
POLISH, per, Gospodarka Planowa, Vol XV, No 10, 1960, pp 8-12.

\*JPRS

Present Status of Discussion on Overall Industrial Production, by Jan Iszkowski, (NY-5612).  
POLISH, per, Gospodarka Planowa, Vol XV, No 10, 1960, pp 12-18.

\*JPRS

Economic Growth and Equilibrium and Foreign Trade, by Marian Ostrowski, Zdzislaw Sadowski, (NY-5612).  
POLISH, per, Gospodarka Planowa, Vol XV, No 10, 1960, pp 23-29.

\*JPRS

Forecast of 1961 Deep-Sea Fish Catch, by Feliks Chrzan, (NY-5575).  
POLISH, per, Gospodarka Rybna, Vol XII, No 5, Sep-Oct 1960, pp 1-4.

\*JPRS

Industrial Design Problems, by Czeslaw Babinski, (NY-5574).  
POLISH, per, Hutnik, Vol XXVII, No 10, 1960, pp 361-367.

\*JPRS

History of Kujawy Agricultural Machinery Plants, 6 pp.  
POLISH, per, Mechanizacja Rolnictwa, Vol VII, No 2, 1960, pp 2, 3.

JPRS 7250

CEMA Cooperation in Agricultural Machinery Production, by Pawel Solski, 6 pp.  
POLISH, per, Mechanizacja Rolnictwa, Vol VII, No 2, 1960, pp 13, 14.

JPRS 7250

Eastern Europe  
Economic (Contd)

New Agricultural Machinery, 9 pp.

POLISH, per, Mechanizacja Rolnictwa, Vol VII,  
No 9, 1960, pp 3-5.

JPRS 7286

Plans for Industrial Institute of Agriculture,  
by Hipolit Szubert, 10 pp.

POLISH, per, Mechanizacja Rolnictwa, Vol VII,  
No 9, 1960, pp 9-11.

JPRS 7286

Industrial Production for Agriculture, by  
Mieczyslaw Leganski, 9 pp.

POLISH, per, Mechanizacja Rolnictwa, Vol VII,  
No 9, 1960, pp 29-31.

JPRS 7286

Principles for Establishing Factory, Accounting,  
and Comparative Prices and Their Application,  
(DC-5093).

POLISH, per, Monitor Polski, No 32, 9 Apr  
1960, pp 313-317.

\*JPRS

Resolution No 387 Council of Ministers 17  
17 November 1960 on Financial Management of  
State Industrial Enterprises and Their Associ-  
ation Included in Central Planning, (NY-5738).  
POLISH, per, Monitor Polski, No 91, 15 Dec  
1960, pp 781-790,

\*JPRS

General Program of Investment Revision, by  
Marian Bartnicki, 14 pp.

POLISH, per, Nowe Drogi, Vol XIV, No 9,  
1960, pp 3-12.

JPRS 7238

Problems of Industrial Development in the  
Long-Range Plan, by Wiktor Buch, 25 pp.

POLISH, per, Nowe Drogi, Vol XIV, No 9,  
1960, pp 29-45.

JPRS 7238

Elements of a Rational Employment Policy  
for Poland, by Mieczyslaw Kabaj, (NY-5637).

POLISH, per, Nowe Drogi, No 11 (138), 1960,  
pp 39-52.

\*JPRS

Eastern Europe  
Economic (Contd)

Poultry Production in 1959, by J. Szklarzewicz,  
9 pp.

POLISH, per, Nowe Rolnictwo, Vol IX, No 7,  
1 Apr 1960, pp 39, 40.

JPRS 7328

Seed Production of Oleaginous Plants in  
Wroclaw Wojewodztwo, by St. Debowski, B. Talik,  
6 pp.

POLISH, per, Nowe Rolnictwo, Vol IX, No 12,  
16 Jun 1960, pp 16, 17.

JPRS 7423

Seed Production of Oleaginous Plants, by  
Zbigniew Kloczowski, 6 pp.

POLISH, per, Nowe Rolnictwo, Vol IX, No 13,  
1 Jul 1960, pp 9-11.

JPRS 7423

Seed Production Program for 1961-1965, by M.  
Wagner, H. Virion, (DC-5015).

POLISH, per, Nowe Rolnictwo, Vol IX, No 17,  
1 Sep 1960, pp 4-7.

\*JPRS

Long-Range Plans for Expansion of Oleaginous  
Crops, by A. Potemkowska, (NY-5600).

POLISH, per, Nowe Rolnictwo, Vol IX, No 19,  
1 Oct 1960, pp 4-7.

\*JPRS

Agricultural Circles and Land Reclamation, by  
I. Zarzycki, St. Dobrodziej, (NY-5600).

POLISH, per, Nowe Rolnictwo, Vol IX, No 19,  
1 Oct 1960, pp 9-11.

\*JPRS

Cooperation Between Agricultural Circles and  
Supply and Marketing (Self-Help) Cooperatives,  
8 pp.

POLISH, per, Plon, Vol XIX, No 35, 28 Aug 1960,  
pp 17, 18.

JPRS 7228

Achievements and Tasks of Agriculture in 1960,  
4 pp.

POLISH, per, Plon, Vol XIX, No 36, 4 Sep 1960,  
pp 3-5.

JPRS 7286

Eastern Europe  
Economic (Contd)

National Economic Plan for 1961, 4 pp.  
POLISH, per, Polish News Bulletin, No 276-60,  
26 Nov 1960, Encl to Desp No 251, AmEmbassy,  
Warsaw, 29 November 1960.

Dept of State  
4319582

Development of Government Owned Forests During  
1961-1965, by Z. Patalas, G. Fomicz, (NY-5571).  
POLISH, per, Las Polski, Vol XXXIV, No 19,  
1-15 Oct 1960, pp 1-5.

\*JPRS

Livestock Production Trends in Poland Based  
on 1958 Consumption of Animal-Origin Products,  
by Edward Baird, (NY-5682).  
POLISH, per, Postepy Nauk Rolniczych,  
Vol VII, No 5, Sep-Oct 1960, pp 57-70.

\*JPRS

Sources of Economies in Investment Realization  
in Small-Scale Production, by Remigiusz  
Czarnocki, 8 pp.  
POLISH, per, Przegląd Drobnej Wytworczosci,  
No 10, May 1960, pp 1-3.

JPRS 7305

Geological Plans for 1961-1965, 5 pp.  
POLISH, per, Przegląd Geologiczny, Vol VIII,  
No 6, 1960, pp 347, 348.

JPRS 7422

Management of Limestone Deposits, by T.  
Plodowski, 4 pp.  
POLISH, per, Przegląd Geologiczny, Vol VIII,  
No 6, 1960, pp 348, 349.

JPRS 7422

Mining of Chemical Raw Materials, by Andrzej  
Smolarski, 11 pp.  
POLISH, per, Przegląd Gorniczy, Vol XVI,  
No 3, 1960, pp 166-170.

JPRS 7422

Appointment of Production and Technology  
Group, 6 pp.  
POLISH, per, Przegląd Gorniczy, Vol XVI,  
No 3, 1960, pp 177-179.

JPRS 7422

Eastern Europe  
Economic (Contd)

Long-Range Trends in the Development of Transportation in Poland, by Bekir Assanowicz, 15 pp.  
POLISH, per, Przegląd Kolejowy, No 6, 1960,  
pp 201-206.

JPRS 7541

The Use of Transistors in Railroad Telecommunication Equipment in Poland, by Jerzy Godowd, 5 pp.  
POLISH, per, Przegląd Kolejowy, No 6, 1960,  
pp 216, 217.

JPRS 7541

Report on Second Meeting of the Commission for Automotive Transportation and Road Development of OSZhD, 4 pp.  
POLISH, per, Przegląd Kolejowy, Vol XII, No 9, 1960, pp 359, 360.

JPRS 7328

Electric Traction in 1959 and 1960, by Zygmunt Manko, 14 pp.  
POLISH, per, Przegląd Kolejowy Elektrotechniczny, Vol XII, No 6, 1960, pp 162-167.

JPRS 7391

Conference Circuit System and Equipment for Polish State Railroads, by Wladyslaw Majewski, Krystyn Plewko, 9 pp.  
POLISH, per, Przegląd Kolejowy Elektrotechniczny, Vol XII, No 8, 1960, pp 233-236.

JPRS 7286

Description of New Electric Locomotives for Polish State Railroads, by Janusz Skoniecki, (NY-5647).  
POLISH, per, Przegląd Kolejowy Elektrotechniczny, Vol XII, No 11, 1960, pp 321-327.

\*JPRS

Traction Status of the Polish State Railroads in Mid-1960, by Wacław Młodecki, 8 pp.  
POLISH, per, Przegląd Kolejowy Mechaniczny, Vol XII, No 9, 1960, pp 257-259.

JPRS 7286

Organization and Duties of the Technical and Economic Council of the Minister of Transportation, by T. N., 3 pp.  
POLISH, per, Przegląd Kolejowy Mechaniczny, Vol XII, No 9, 1960, p 288.

JPRS 7286

Eastern Europe  
Economic (Contd)

Basic Conditions and Directions of Development of Heavy Machine-Building, 11 pp.  
POLISH, per, Przegląd Mechaniczny, Vol XIX, No 12, 25 Jun 1960.

JPRS 7245

Bloc Food Processing Machinery at XXIX Poznan Fair, by M. Andrzejewski, (NY-5721).  
POLISH, per, Przegląd Mechaniczny, Vol XIX, No 18, 25 Sep 1960, pp 542-546.

\*JPRS

Plastics Industry in Poznan Wojewodztwo, by S. Brzezinski, (NY-5739).  
POLISH, per, Przegląd Mechaniczny, Vol XIX, No 19/20, 10-25 Oct 1960, pp 609-613.

\*JPRS

Remote Control Equipment Production, by R. Bednarczyk, R. Wolski, (NY-5735).  
POLISH, per, Przegląd Mechaniczny, Vol XIX, No 21, 10 Nov 1960, pp 674-677.

\*JPRS

The Bearings Industry, by W. Szablewski, 5 pp.  
POLISH, per, Przegląd Techniczny, Vol LXXXI, No 11, 16 Mar 1960, pp 5-7.

JPRS 7250

Mechanization, Automation, and Standardization in the Electronics Industry, by Witold Tyrman, 8 pp.  
POLISH, per, Przegląd Techniczny, Vol LXXXI, No 12, 23 Mar 1960, pp 5-8.

JPRS 7306

Refractory Materials Production in 1961-1965, by J. Niemczynowicz, 6 pp.  
POLISH, per, Przegląd Techniczny, Vol LXXXI, No 18, 4 May 1960, pp 22, 23.

JPRS 7423

Progress in Refractory Materials Production as an Indispensable Prerequisite for the Development of the Metallurgy of Iron and Steel, by J. Stachurski, 8 pp.  
POLISH, per, Przegląd Techniczny, Vol LXXXI, No 18, 4 May 1960, pp 24-26.

JPRS 7423

Eastern Europe  
Economic (Contd)

Achievements and Plans of Cooperative Housing Construction, by Wojciech Pirog, 4 pp.  
POLISH, per, Przegląd Techniczny, No 34, 24 Aug 1960, pp 1, 2.

JPRS 7228

Revision of Investments in Machine-Building Industry, by Jerzy Agonek, 5 pp.  
POLISH, per, Przegląd Techniczny, No 37, 14 Sep 1960, p 1.

JPRS 7368

Investment Revision in Machine-Tool Industry, by Wacław Zukowski, 5 pp.  
POLISH, per, Przegląd Techniczny, No 37, 14 Sep 1960, p 3.

JPRS 7368

Production Improvement at Lublin Truck Plant, by Stanisław Skowronski, 8 pp.  
POLISH, per, Przegląd Techniczny, No 37, pp 4, 5; No 38, pp 4, 5, 14-21 Sep 1960.

JPRS 7368

Increased Production From New Technical Norms, 4 pp.  
POLISH, per, Przegląd Techniczny, No 38, 21 Sep 1960, pp 1, 2.

JPRS 7368

New Dye-Stuffs of the "Boruta" Dye-Stuff Works.  
POLISH, per, Przegląd Włókienniczy, No 4, 1960, pp 201, 202.

\*ACSI H-7949  
ID 2152361

Shortcomings in Polish Chemical Industry, by Konstanty Laidler, 11 pp.  
POLISH, per, Przemysł Chemiczny, Vol XXXVIII, No 9, 1960, pp 525-531.

JPRS 7228

New Chemical Production, by W. Brach, 5 pp.  
POLISH, per, Przemysł Chemiczny, Vol XXXIX, No 3, 1960, pp 182, 183.

JPRS 7391

Chemical Industry Development in 1961-1965, by Michał Niesiolowski, 19 pp.  
POLISH, per, Przemysł Chemiczny, Vol XXXIX, No 5, 1960, pp 261-265.

JPRS 7249

Eastern Europe  
Economic (Contd)

Quality Control in the Chemical Industry, by  
Jan Wasilewski, 10 pp.

POLISH, per, Przemysl Chemiczny, Vol XXXIX,  
No 6, 1960, pp 333-335.

JPRS 7422

Progress in Chemical Research, by J. Hirszowski,  
15 pp.

POLISH, per, Przemysl Chemiczny, Vol XXXIX,  
No 7, 1960, pp 410-414.

JPRS 7328

Planned "Bacutil" Feed Industry in 1960-1965,  
by Tadeusz Skwirzynski, 8 pp.

POLISH, per, Przemysl Spozywczy, Vol XIV,  
No 5, 1960, pp 24-28.

JPRS 7391

Alumina From Polish Raw Materials, by Julian  
Kwiatkowski, 6 pp.

POLISH, per, Rudy i Metale Niezelazne, Vol V,  
No 9, 1960, pp 355-357.

JPRS 7395

Polish Xanthogenate Production, by M. Oktawiec,  
K. Wierzbicki, (NY-5573).

POLISH, per, Rudy i Metale Niezelazne, Vol V,  
No 10, 1960, pp 398-401.

\*JPRS

Supply of Glass Sand for Glass Works in 1960-  
1965, by Kazimierz Jaskolski, (NY-5635).

POLISH, per, Szklo i Ceramika, Vol XI, No 10,  
1960, pp 293-297.

\*JPRS

The Requirements of Polish Foreign Trade for  
Small Tramp Ships, by H. Preiss, 12 pp.

POLISH, per, Technika i Gospodarka Morska,  
Vol X, No 1, 1960, pp 3-6.

JPRS 7541

Epidian 410 Resin as Auto Body Filler, by  
J. Jaworski, (NY-5621).

POLISH, per, Technika Motoryzacyjna, Vol X,  
No 10, 1960, pp 329-333.

\*JPRS

Metal Forming Machinery for Automotive Industry,  
by K. Bosiacki, (NY-5700).

POLISH, per, Technika Motoryzacyjna, Vol X,  
No 11, 1960, pp 374-379.

\*JPRS



Eastern Europe  
Economic (Contd)

Polish Electrotechnical Industry at the 29th  
International Poznan Fair, 8 pp.

POLISH, per, Wiadomosci Elektrotechniczne,  
Vol XX, No 5, 1960, pp 113, 114.

JPRS 7422

TEWA Transistor Production Plant, by Filomena  
Rutkowska, 7 pp.

POLISH, per, Wiadomosci Elektrotechniczne,  
Vol XX, No 5, 1960, pp 130-133.

JPRS 7422

Mechanization in Lower Silesian Coal Mines,  
by J. Stasiak, 8 pp.

POLISH, per, Wiadomosci Gornicze, Vol XI,  
No 4, 1960, pp 123-125.

JPRS 7423

Coal Mining in Poland During the 1961-65 Plan  
Period, by Tadeusz Muszkiet, 10 pp.

POLISH, per, Wiadomosci Gornicze, Vol XI,  
No 7/8, 1960, pp 236-239.

JPRS 7228

Tenth Anniversary of the "Lenin" Metallurgical  
Combine, by St. Ruranski, 12 pp.

POLISH, per, Wiadomosci Hutnicze, Vol XVI,  
No 5, 1960, pp 133-137.

JPRS 7306

Coke Industry Development, by A. Szpilewicz,  
8 pp.

POLISH, per, Wiadomosci Hutnicze, Vol XVI,  
No 7/8, 1960, pp 203-206.

JPRS 7423

Gas Economy in Iron Metallurgy, by A. Szpilewicz,  
(NY-5703).

POLISH, per, Wiadomosci Hutnicze, Vol XVI,  
No 11, 1960, pp 329-333.

\*JPRS

Prospects for Ore Transport in the 1960 -  
1975 Period, by T. Rzebik, (NY-5698).

POLISH, per, Wiadomosci Hutnicze, Vol XVI,  
No 12, 1960, pp 365-370.

\*JPRS

Eastern Europe  
Economic (Contd)

Expenditures of Socialized Economy in Favor of  
Non-Socialized Economy, by Z. Grochulski, J.  
Zawadzki, (DC-5074).

POLISH, per, Wiadomosci Narodowego Banku  
Polskiego, Vol XV, No 12, 1959, pp 571-576.

\*JPRS

Principles of Bank Control of Decentralized  
Investments (Part I), by J. Boguszewski,  
(DC-5074).

POLISH, per, Wiadomosci Narodowego Banku  
Polskiego, Vol XV, No 12, 1959, pp 579-583.

\*JPRS

Defining Accuracy of Statistical Estimates, by  
Jan Kordos, 10 pp.

POLISH, per, Wiadomosci Statystyczne, Vol V,  
No 3, May/Jun 1960, pp 24-27.

JPRS 7228

Water Management Associations, by A. Wielopolski,  
4 pp.

POLISH, np, Zielony Sztandar, 13 Jul 1960,  
p 5.

JPRS 7422

Warning Against Future Deficiencies in  
Electric Power Supply, by Wieslaw Glowacki,  
6 pp.

POLISH, per, Zycie Gospodarcze, Vol XV,  
No 25, 19 Jun 1960, pp 1, 3.

JPRS 7422

Decision by the Council of Ministers Approving  
the Tariff for Vehicular Goods Transportation,  
24 pp.

RUMANIAN, per, Colectie de Legi, Decrete,  
Hotatiri, si Dispozitii, No 1, Jan/Feb 1960,  
pp 56-79.

JPRS 7390

Classification of Rumanian Solid Fuels, by  
I. Carabogdan, N. Panoiu, G. Singer, (DC-5164).  
RUMANIAN, per, Energetica, Vol VIII, No 7,  
1960, pp 316-320.

\*JPRS

Eastern Europe  
Economic (Contd)

Internal Socialist Management in Construction Organizations and Enterprises, by A. Anusca, 12 pp.

RUMANIAN, per, Evidenta Contabila, No 4, 1960, pp 34-40.

JPRS 7195

Improving Control of the Execution of Local Budgets, by M. Konig, 16 pp.

RUMANIAN, per, Finante si Credit, No 5, 1960, pp 12-22.

JPRS 7423

Aspects of Rumania's International Settlement of Accounts, by P. Gorenus, 16 pp.

RUMANIAN, per, Finante si Credit, No 5, 1960, pp 24-34.

JPRS 7423

The Economic Advantage of Increased Awards and Wages in MIS, by I. Stanciu, 8 pp.

RUMANIAN, per, Mechanizarea si Electrificarea Agriculturii, Vol V, No 4, 1960, pp 4-7.

JPRS 7395

The MTS Council and Its Importance for Production, by I. Delcea, 6 pp.

RUMANIAN, per, Mechanizarea si Electrificarea Agriculturii, Vol V, No 4, 1960, pp 13-15.

JPRS 7395

Technical Progress--A Decisive Factor in the Development of the Machine-Building Industry, by Gherasim Popa, (DC-5205).

RUMANIAN, per, Metalurgia si Constructia de Masini, Vol XII, No 1, 1960, pp 1-7.

\*JPRS

Calculation of the Cost Price and of the Technical Economic Indices in the Production of Rolled Products, by Vasile Dancan, Gheza Lascovics, 19 pp.

RUMANIAN, per, Metalurgia si Constructia de Masini, Vol XII, No 5, 1960, pp 422-428.

JPRS 7540

Achievements in Electrification of Rumania, by V. Cucu, Gh. Iacob, I. Iordan, I. Velcea, 12 pp.

RUMANIAN, per, Natura, No 2, Mar/Apr 1960, pp 39-45.

JPRS 7540

Eastern Europe  
Economic (Contd)

Principal Changes in Distribution of Rumanian Production Forces, by Nicolae Diamo, Ion Velcea, Petre Deica, (NY-5730).  
RUMANIAN, per, Natura, Vol XII, No 5, 1960, pp 15-27.

\*JPRS

The Development of Savings Banks in the Rumanian People's Republic, by M. Vieru, 9 pp.  
RUMANIAN, per, Penzugy es Szamvitel, Vol IV, No 5, 1960, pp 179-182.

JPRS 7250

Rumanian Drilling Tools, by G. Tanasescu, (DC-5200).  
RUMANIAN, per, Petrol si Gaze, Vol XI, No 9, 1960, pp 394-398.

\*JPRS

The Development of Land Improvement Between 1960-1965, by C. Nicolau, S. Boeru, 10 pp.  
RUMANIAN, per, Probleme Agricole, Vol XII, No 8, 1960, pp 17-23.

JPRS 7368

Prospective Development of the National Economy, by V. Rausser, (DC-5014).  
RUMANIAN, per, Probleme Economice, Vol XIII, No 7, 1960, pp 3-24.

\*JPRS

Technical Progress and Its Economic Efficiency, by C. Tuzu, (DC-5014).  
RUMANIAN, per, Probleme Economice, Vol XIII, No 7, 1960, pp 25-42.

\*JPRS

Machine Building Industry -- Base of Technical Progress in National Economy, by V. Actarian, (DC-5014).  
RUMANIAN, per, Probleme Economice, Vol XIII, No 7, 1960, pp 43-57.

\*JPRS

Economic Efficiency of Capital Investments in the Chemical Industry, by M. Florescu, (NY-5602).  
RUMANIAN, per, Probleme Economice, Vol XIII, No 8, 1960, pp 37-49.

\*JPRS

Eastern Europe  
Economic (Contd)

Better Use of Wood Resources, by M. Suder,  
(NY-5602).

RUMANIAN, per, Probleme Economice, Vol XIII,  
No 8, 1960, pp 50-65.

\*JPRS

Upsurge in the Ferrous Metal Industry, by D.  
Lazar, (DC-5077).

RUMANIAN, per, Probleme Economice, Vol XIII,  
No 9, 1960, pp 3-18.

\*JPRS

Possibilities of Reducing the Cost Price in  
Animal Husbandry, by A. Popa, N. David, O.  
Popescu, (DC-5025).

RUMANIAN, per, Probleme Economice, Vol XIII,  
No 10, 1960, pp 66-80.

\*JPRS

The Nitrogen Fertilizer Industry in 1960-1965  
National Economic Development Plan, by T.  
Martin, 7 pp.

RUMANIAN, per, Revista de Chimie, Vol XI, No 7,  
1960, pp 373, 374.

JPRS 7445

Land Improvement in Rumania, by C. Nicolau,  
8 pp.

RUMANIAN, per, Revista Internationala Pentru  
Agricultura, Vol IV, No 3, 1960, pp 155-162.

JPRS 7368

New Technique for Preparing Rumanian Coking  
Coal, by A. Panaitescu, L. Miriunis, D.  
Hrisanidi, (NY-5657).

RUMANIAN, per, Revista Minelor, Vol XI, No 8,  
1960, pp 343-355.

\*JPRS

The Raw Material Base and the Development of  
the Lumber Industry, by V. Giurgiu, 10 pp.  
RUMANIAN, per, Revista Padurilor, Vol LXXV,  
No 5, 1960, pp 253-256.

JPRS 7541

Ice on the Rumanian Black Sea Coast, by M.  
Semenescu, 22 pp.

RUMANIAN, per, Revista Transporturilor,  
Vol VII, No 4, 1960, pp 155-163.

JPRS 7390

Eastern Europe  
Economic (Contd)

The Importance of Applying State Standards  
to Seed Stocks, by I. Dirlau, 11 pp.  
RUMANIAN, per, Standardizares, Vol XII,  
No 6, 1960, pp 293-297.

JPRS 7541

Description of Rumanian Ports, by M. K., 9 pp.  
RUMANIAN, per, Technika i Gospodarka Morska,  
Vol X, No 3, 1960, pp 91-93.

JPRS 7541

New Regulations on Bonus Payments to Engineers  
and Technicians at Industrial Enterprises in  
Poland, by E. Farberova, 6 pp.  
RUSSIAN, per, Byul Nauch Informat, Trud i  
Zarabotnaya Plata, No 7, 1960, pp 52-55.

JPRS 6342

Use of the Electro-Erosion Method in Industry,  
by H. Rossa, (DC-5165).  
RUSSIAN, per, Elektrie, Vol XIV, No 11, 1960,  
pp 407-410.

\*JPRS

First Meeting of Workers of the Czechoslovakian  
Fuel Industry, by V. G. Zashkvara, N. S.  
Gryaznov, P. A. Shchukin, 7 pp.  
RUSSIAN, per, Koks i Khimiya, No 12, 1958,  
pp 50-52.

JPRS 6363

Development of Thermoelectric Power in the  
Polish People's Republic, by Zdislav Voytashek,  
15 pp.  
RUSSIAN, per, Teploenergetika, No 9, 1960,  
pp 89-94. (Call No TJ.4, T31, Eng Tr).

AMS

Eastern Europe  
Political

Revisionist Theories on "Fusing"  
Bourgeois Political Economy and  
Marxist Political Economy, by  
I. Dworkin, 13 pp.

ALBANIAN, per, Rruga e Partise,  
No 9, 1960, pp 76-88.

JPRS 6417

Problems in Party Organizational  
Work in Albania, 11 pp.

ALBANIAN, per, Rruga e Partise,  
No 10, 1960, pp 31-39.

JPRS 6436

Peaceful Coexistence and the Struggle  
on the Ideological Front, by Nikola  
Filchev, 23 pp.

BULGARIAN, per, Filosofska Misul,  
Vol XVI, No 4, 15 Jul 1960, pp 2-22.

JPRS 6501

Concerning the Concept "Cultural  
Revolution" in Bulgaria, by Mois  
Semov, 25 pp.

BULGARIAN, per, Narodna Prosveta,  
Vol XVI, No 10, 1960, pp 24-33.

JPRS 6487

The Elimination of Bourgeois Moral  
Remnants Among Bulgarian Pupils and  
Students, by Aleksandur Apostolov,  
(DC-5122).

BULGARIAN, per, Narodna Prosveta,  
Vol XVI, No 11, 1960, pp 54-61.

\*JPRS

The Problems of War and Peace as Seen  
Through the Prism of Modern Revisionism,  
by Lyuben Georgiyev, Dimitur Mitev, 22 pp.

BULGARIAN, per, Novo Vreme, Vol XXXVI,  
No 11, 1960, pp 15-35.

JPRS 6554

The Marxist-Leninist Training of Bulgarian  
Youth, by Georgi Karamanev, (DC-5096).

BULGARIAN, per, Partien Zhivot, Vol IV,  
No 15, 17 Oct 1960, pp 3-9.

\*JPRS

Eastern Europe  
Political (Contd)

To Promote the Activity and Increase  
the Responsibility of Every Bulgarian  
Communist, by Stoil Khristov, (DC-5173).  
BULGARIAN, per, Partien Zhivot, Vol IV,  
No 16, 6 Nov 1960, pp 29-35.

\*JPRS

Further Development of Social Self-Management  
in Yugoslav Public Services, by Velimir  
Sokolovic, (DC-5194).  
CROATIAN, per, Socijalna Politika, Vol X,  
No 11, 1960, pp 3-15.

\*JPRS

Some Problems Regarding the National  
Liberation Movement in Underdeveloped  
Nations, by Gustav Hertzfeldt, Paul  
Markowski, (DC-5114).  
GERMAN, per, Einheit, No 10, 1960,  
pp 1586-1601.

\*JPRS

Statute of the Rumanian Workers Party -  
1960, (DC-5115).  
RUMANIAN, bk, Statutul Partidului  
Muncitoresc Romin, 1960, pp 3-123.

\*JPRS

The History of the Children's Communist  
Movement in the Czechoslovak Republic,  
by Jozef Ivanic, 16 pp.  
SLOVAK, per, Jednotna Skola, No 6, 1960,  
pp 552-565.

JPRS 6474



Eastern Europe  
Military

Planning and Organizational Work Required  
of Bulgarian Unit Commanders, by T.  
Balkanski, 5 pp.  
BULGARIAN, np, Narodna Armiya, No 3744,  
7 Oct 1960, p 2.

JPRS 4267

The Observance of Labor Laws for Civilian  
Employees of the Bulgarian Army, by  
A. Shishkov, 4 pp.  
BULGARIAN, np, Narodna Armiya, No 3759,  
25 Oct 1960, p 2.

JPRS 4267

Decree on Professional Rehabilitation on  
Disabled War Veterans, 10 pp.  
CROATIAN, per, Sluzbeni List FNRJ, Vol XVI,  
No 41, 12 Oct 1960, pp 749-752.

JPRS 4267

ABC Defense of Airfields, by Vladimir  
Bakaric, 10 pp.  
CROATIAN, per, Vazduplovni Glasnik,  
No 1, 1960, pp 12-20.

JPRS 4267

Tesla Airfield Radar, by Pavel Smoranc,  
13 pp.  
CZECH, per, Letecky Obzor, No 8,  
10 Aug 1960, pp 246-248.

JPRS 4267

Letter by the Central Committee of the  
CSM and the Main Political Administration  
of the Army to All CSM Members in the  
Army, 6 pp.  
CZECH, np, Obrana Lidu, 16 Sep 1960, p 5.

JPRS 4267

Second Resolution on the Statutes of the  
Society for Sports and Technology, 11 pp.  
GERMAN, pamphlet, Gesetzblatt der Deutschen  
Demokratischen Republik, No 45, 18 Aug 1960,  
pp 445-450.

JPRS 4267

1. Tent Stove, Type F; 2. Field Stove I  
(Tent Stove Type R).  
GERMAN, rpt, 1. Montage-und Bedienungsanleit-  
ung Zeltheizgerat Type F; 2. Technische  
Daten des Zeltheizgerates Type I (R).

\*ACSI H-7952  
ID 2137682

Eastern Europe  
Military (Contd)

Clinical Discussion of Some Infectious Diseases Which Can Be Used as Bacteriological Weapons, by Orvosalezredes Bela Keleti, (SF-1450).

HUNGARIAN, per, Honvedorvos, Vol XII, No 4, pp 269-279.

\*JPRS

The MD-12 Transport, by Jerzy Swidzinski, 6 pp.

POLISH, per, Skrzydlatą Polską, No 34 (476), 21 Aug 1960, pp 10, 11.

JPRS 4267

Instruction-Methodology Courses at the Polish Training Inspectorate, by Ozeslaw Gawel, 3 pp.

POLISH, np, Zolnierz Wolnosci, No 228, 27 Sep 1960, p 2.

JPRS 4267

Polish Engineers Construct Airfield, by St. Wolinski, 7 pp.

POLISH, np, Zolnierz Wolnosci, No 228, 27 Sep 1960, pp 3-5.

JPRS 4267

Reorganization of Studies at Polish Military Political Academy, by Czeslaw Bielecki, 3 pp.

POLISH, np, Zolnierz Wolnosci, 28 Sep 1960, p 2.

JPRS 4267

Problems Connected With the Polish Military Political Academy, by Czeslaw Bielecki, 5 pp.

POLISH, np, Zolnierz Wolnosci, 29 Sep 1960, p 2.

JPRS 4267

Suggestions for Improving the Polish Military Political Academy, by Czeslaw Bielecki, 5 pp.

POLISH, np, Zolnierz Wolnosci, 30 Sep 1960, p 3.

JPRS 4267

Eastern Europe  
Military (Contd)

Gen. Ksiezarczyk Writes About the  
Military and Party Resolutions,  
by Franciszek Ksiezarczyk, 7 pp.  
POLISH, np, Zolnierz Wolnosci,  
19 Oct 1960, p 2.

JPRS 4267

Polish Political Officers Perform  
Political Work in Factories, by  
U. Staniszewski, 3 pp.  
POLISH, np, Zolnierz Wolnosci,  
25 Oct 1960, p 2.

JPRS 4267

Eastern Europe  
Geographic

General Economic Regionalization in the People's Republic of Bulgaria, by Georgi Gergov, (DC-5097).

BULGARIAN, per, Planovo Stopanstvo, Vol XV, No 3, 1960, pp 77-80.

\*JPRS

Sumava Lake, by Z. Mykleckova, 4 pp.  
CZECH, per, Za Kiasami Domova, Vol XVI, No 7, 1960, pp 60, 61. (Call No DB 191.Z11, Eng Tr)

AMS

The District of Galati, 6 pp.  
GERMAN, per, Agerpres Informations-bulletin, Vol XI, No 16, 1960, pp 12-14. (Call No DR 201, A26, Eng Tr)

AMS

Map Reproduction in Hungary, by Ferenc Tallian, (NY-5627).  
HUNGARIAN, per, Geodezia es Kartografia, Vol XII, No 4, 1960, pp 252-255.

\*JPRS

Some Achievements of the Department of Photogrammetry of the Cartographic Enterprise of Hungary, by Bela Szabo, (NY-5627).  
HUNGARIAN, per, Geodezia es Kartografia, Vol XII, No 4, 1960, pp 271-274.

\*JPRS

Changes on the Maps, by Sandor Rado, (NY-5627).  
HUNGARIAN, per, Geodezia es Kartografia, Vol XII, No 4, 1960, pp 298-306.

\*JPRS

Definition of the Polish-Czechoslovak Border, by Jozef Wasowicz, 13 pp.  
POLISH, per, Czasopismo Geograficzne, Vol XXXI, No 2, 1960, pp 133-144.

JPRS 6428

Law on Geological Exploration in Poland, (SF-1452).  
POLISH, per, Dziennik Ustaw, No 52, 26 Nov 1960, pp 500-504.

\*JPRS

Eastern Europe  
Sociological

The Legal Position and Activity of Trade Unions in Albania, by Hamdi Sherri, (DC-5100).

ALBANIAN, per, Drejtesia Popullore, Vol XIII, No 1, 1960, pp 1-7.

\*JPRS

Concerning Rehabilitation, by Veli Budo, (DC-5100).

ALBANIAN, per, Drejtesia Popullore, Vol XIII, No 1, 1960, pp 8-18.

\*JPRS

Preference in the Practice of the Lawyer's Profession, by Suat Haxhi, (DC-5100).

ALBANIAN, per, Drejtesia Popullore, Vol XIII, No 2, 1960, pp 47-49.

\*JPRS

The Map of Our Motherland, by Nadezhda Vasileva Manova, 79 pp.

BULGARIAN, bk, Po Kartata na Nashata Rodina, 1960, pp 1-80.

JPRS 6457

Regulation on Classification of Jobs for Pension Purposes, (DC-5124).

BULGARIAN, np, Izvestiya na Prezidiuma na Narodnoto Subranie, No 60, 26 Jul 1960, pp 1-5.

\*JPRS

Instructions for Calculation of Work Done and Pay in Industrial Enterprises, (DC-5148)

BULGARIAN, np, Izvestiya na Prezidiuma na Narodnoto Subranie, Vol XI, No 97, 2 Dec 1960, pp 2-6.

\*JPRS

Statistics on Bulgarian Specialists With Advanced and Secondary Education, by G. Atanasova, Y. Trichkova, (DC-5123).

BULGARIAN, per, Statistika, Vol VII, No 2, Mar-Apr 1960, pp 75-79.

\*JPRS

Relapses in Certain Psychoses and the Role of the Dispensaries in Preventing Them, by S. Shivacheva, D. Kolarova-Paneva, (DC-5189).

BULGARIAN, per, Suvremenna Meditsina, Vol XI, No 1, 1960, pp 53-62.

\*JPRS

Eastern Europe  
Sociological (Contd)

Principles of the New Method of Financing  
Social Insurance, by Milentije Pesakovic,  
13 pp.

CROATIAN, per, Finansije, Vol XV, No 8,  
1960, pp 422-430.

JPRS 6572

Survey of the Financial Status of the Social  
Insurance Funds for the First Half of 1960,  
by B. S., 6 pp.

CROATIAN, per, Finansije, Vol XV, No 8, 1960,  
pp 462-465.

JPRS 6572

Collective Feeding of Mine Workers, by  
B. S. Simic, D. Pantazijevic, S. Mustafa,  
F. Petrovic, (DC-5046).

CROATIAN, per, Higijena, Vol XII, No 2-3,  
1960, pp 198-209.

\*JPRS

Methods of Preventive Medical Work in a Srez  
Public-Health Organization, by P. Gajic,  
(DC-5046).

CROATIAN, per, Higijena, Vol XII, No 2-3,  
1960, pp 263-273.

\*JPRS

Food Supply of the Yugoslav Population, by  
P. M., 28 pp.

CROATIAN, per, Jugoslovenski Pregled,  
Vol IV, No 9, 1960, pp 367-374.

JPRS 6572

Organizational Problems of the Maternity  
Service in the People's Republic of Bosnia  
and Hercegovina, by Berislav Beric,  
Vladimir Zazula, Milos Veljkovic, (DC-5054).

CROATIAN, per, Narodno Zdravlje, Vol XVI,  
No 10, 1960, pp 329-337.

\*JPRS

No 16, Regulation on Specialization of Health  
Workers, (DC-5053).

CROATIAN, per, Sluzbeni List FNRJ, Vol XVI,  
No 2, 1960, pp 15-18.

\*JPRS

Eastern Europe  
Sociological (Contd)

No 582, Regulation ... On the Work  
of Radio Broadcasting Stations,  
(DC-5053).

CROATIAN, per, Sluzbeni List FNRJ  
Vol XVI, No 44, 1960, pp 790-795.

\*JPRS

585. General Law on the Organization  
of the Public-Health Service, (DC-5038).

CROATIAN, per, Sluzbeni List FNRJ,  
Vol XVI, No 45, 9 Nov 1960, pp 801-814.

\*JPRS

No 614, Regulation on the Technical Training  
and Examinations of Employees in the Radio  
and Telegraphic Service (DC-5047).

CROATIAN, per, Sluzbeni List FNRJ, Vol XVI,  
No 47, 23 Nov 1960, pp 858-863.

\*JPRS

Rehabilitation of Physically and Mentally  
Retarded Children, by S. J., (DC-5078).

CROATIAN, per, Socijalna Politika, Vol X, No  
7/8, 1960, pp 85-88.

\*JPRS

Problems of Technical Qualification and  
Industrial Labor Productivity, by Rikard  
Stajner, (DC-5194).

CROATIAN, per, Socijalna Politika, Vol X,  
No 10, 1960, pp 3-22.

\*JPRS

Problems of Preventive Public Health, by  
Petar Dujanovic, (DC-5194).

CROATIAN, per, Socijalna Politika, Vol X,  
No 10, 1960, pp 23-38.

\*JPRS

Family Budgets of Blue-Collar and White-  
Collar Workers' Families in 1959, by  
M. Popovic, (DC-5194).

CROATIAN, per, Socijalna Politika, Vol X,  
No 10, 1960, pp 76-83.

\*JPRS

Development and Tasks of the Social Services  
Outside the People's Councils, by Branka  
Savic, (DC-5194).

CROATIAN, per, Socijalna Politika, Vol X,  
No 11, 1960, pp 16-24.

\*JPRS

Eastern Europe  
Sociological (Contd)

Social Care of Children of Employed Parents in Serbia, by Dusan Lakicevic, (DC-5194).

CROATIAN, per, Socijalna Politika, Vol X, No 11, 1960, pp 25-37.

\*JPRS

Decree on the Statute of the Ministry of Health, (DC-5120).

GERMAN, per, Gesetzblatt der DDR, Vol II, No 42, 30 Nov 1960, pp 445-449.

\*JPRS

A Population Study for the Soviet Occupation Zone by Kreis, by Hans Evers, 26 pp.

GERMAN, per, Informationen, Vol X, No 12, 25 Jun 1960, pp 294-302, 1-4.

JPRS 6332

New Entrance Requirements for East German Institutes of Higher Education, 1960-1961, by H. Lehman, 4 pp.

GERMAN, per, Physikalische Blaetter, Vol XVI, No 9, 1960, pp 493, 494.

JPRS 6572

The Objectivity of Impression Qualities in Handwriting, by Wilhelm Helmut Mueller, 32 pp.

GERMAN, per, Psychologische Beitrage, Vol III, No 3, 1957, pp 364-389.

JPRS 6235

Composition of the Population of Hungary by Major Demographic Criteria, by Andras Klinger, (DC-5133).

HUNGARIAN, per, Demografia, Vol III, No 3/4, 1960, pp 303-328.

\*JPRS

Public Opinion and Demographic Factors in Hungary, by Kalman Kulcsar, (DC-5133).

HUNGARIAN, per, Demografia, Vol III, No 3/4, 1960, pp 333-354.

\*JPRS

Some Problems of Migration and Regional Planning in Hungary, by Gyorgy Acsadi, (DC-5133).

HUNGARIAN, per, Demografia, Vol III, No 3/4, 1960, pp 390-419.

\*JPRS



Eastern Europe  
Sociological (Contd)

Induced Abortions Between 1957-1959  
in Hungary, by Karoly Miltenyi,  
(DC-5133).  
HUNGARIAN, per, Demografia, Vol III,  
No 3/4, 1960, pp 424-435.

\*JPRS

Experiments To Be Conducted in Hungary  
During the 1960-1961 School Year, by  
H. K., L. A., (DC-5191).  
HUNGARIAN, per, Felsooktatasi Szemle,  
Vol IX, No 9, 1960, pp 538-541.

\*JPRS

Pay Raise of Teacher in Institutions of  
Higher Education in Hungary, by Karoly  
Juhasz, (DC-5201).  
HUNGARIAN, per, Felsooktatasi Szemle,  
Vol IX, No 10, 1960, pp 611-616.

\*JPRS

Teaching Tasks in Connection With Automation,  
by Miklos Ranky, (DC-5201).  
HUNGARIAN, per, Felsooktatasi Szemle,  
Vol IX, No 10, 1960, pp 635-638.

\*JPRS

Training of Technological Engineers for  
the Fields of Precision-Mechanics Optics  
and for the Electrical Industry in East  
Germany, by W. Stoebel, (DC-5201).  
HUNGARIAN, per, Felsooktatasi Szemle,  
Vol IX, No 10, 1960, pp 646-649.

\*JPRS

Recent Developments in Higher Education  
in Hungary, (DC-5207).  
HUNGARIAN, per, Felsooktatasi Szemle,  
Vol IX, No 11, 1960, pp 713-718.

\*JPRS

New Doctors and Candidates, 4 pp.  
HUNGARIAN, per, Magyar Tudomány, Vol  
LXVII, No 9, 1960, pp 562, 563.

JPRS 4260

Fifteen Years of Mother and Child Care in  
Hungary, by Zoltan Vadas, (DC-5098).  
HUNGARIAN, per, Nepegeszsegügy, Vol XLI,  
No 5, 1960, pp 132-136.

\*JPRS

**Eastern Europe**  
**Sociological (Contd)**

**Fifteen Years of Social Work in Hungary**, by Robert Kadar, (DC-5098).

**HUNGARIAN**, per, Nepegeszssegugy, Vol XLI, No 5, 1960, pp 136-139.

\*JPRS

**Foreign Student Training in Czechoslovakia**, by Laszlo Zsilka, (DC-5048).

**HUNGARIAN**, np, Uj Szo, No 327, 25 Nov 1960, 5 pp.

\*JPRS

**The Staffing Situation in Higher Schools and Problems Connected With the Development of Scientific Staffs in Poland**, by Henryk Golanski, (DC-5119).

**POLISH**, per, Zycie Szkoły Wyzszej, No 9, 1960, pp 2-27.

\*JPRS

**Planning and Organization of Scientific Research in Higher Schools in Poland**, by Wlodzimierz Michajlow, (DC-5119).

**POLISH**, per, Zycie Szkoły Wyzszej, No 9, 1960, pp 28-49.

\*JPRS

**Discussion on Meeting of Rectors of Higher Schools in Poland**, (DC-5119).

**POLISH**, per, Zycie Szkoły Wyzszej, No 9, 1960, pp 82-94.

\*JPRS

**Health Institutions and the Law on Budgets**, by Milan Balugdzic, (DC-5131).

**SERBIAN**, per, Socijalna i Zdravstvena Politika, Vol XIII, No 7/8, 1960, pp 20-30.

\*JPRS

**Adoption of Contract System of Payment for Health Services in Serbia**, by Branislav Stojichevic, (DC-5131).

**SERBIAN**, per, Socijalna i Zdravstvena Politika, Vol XIII, No 7/8, 1960, pp 34-39.

\*JPRS

**Fifteen Years of Socialist Construction -- Source of Education Toward Czechoslovak Patriotism and Proletarian Internationalism**, by Karol Pichler, 12 pp.

**SLOVAK**, per, Za Socialisticku Skolu, Vol IX, No 5, 1960, pp 410-419.

JPRS 6337

Eastern Europe  
Biographic

Biography of Docent Dr. Jindrich Urbanek, by P. Pachner, 4 pp.  
CZECH, per, Pracovni Lekarstvi,  
Vol IX, No 8, 1959, pp 432, 433.

JPRS 4251

Biographic Data on Geoffrey Bing,  
by R. L., 5 pp.  
GERMAN, per, Sie and Er, No 35,  
Oct 1960, pp 6, 7.

JPRS 6360

Biographic Information on East German  
Engineers Karl Neubert and Alfred Zappe,  
by W. Rueger, H. Weise, 4 pp.  
GERMAN, per, Vermessungstechnik, No 6,  
1960, pp 179, 180.

JPRS 4265

Biographies of Polish Chemists, 5 pp.  
POLISH, per, Przemysl Chemiczny,  
No 8, 1960, pp 519, 520.

JPRS 4285

## NORTHERN EUROPE

### Economic

Law on Employment Exchanges, 7 pp.  
FINNISH, rpt, Encl to Desp No 249,  
AmEmbassy, Helsinki, 29 Nov 1960.

Dept of State  
4465605

In Field of Cement Construction, by  
R. Makelainen, 4 pp.  
FINNISH, per, Rakennustaito, Vol LV,  
No 2, 1960, pp 43-45. (Call No  
TH4-R15, Eng Tr).

AMS

Shipbuilding and Shipbuilder Association -  
Annual Report, 9 pp.  
SWEDISH, rpt, Encl to Serial No 335-60,  
US NA, Stockholm, 3 Nov 1960.

Navy/ONI 5106161

Compacted Snow as a Transport Substratum,  
by B. H. son Ager.  
SWEDISH, per, Norrlands Skogvardsforbunds  
Tidskrift, Vol III, 1956, pp 293-388.

NRCC-TT-865

### Political

Restless Coexistence in Baghdad, by  
Pentti Mahlamaki, 5 pp.  
FINNISH, np, Ylioppilaslehti, No 34,  
4 Nov 1960.

JPRS 37

Onward on the Path of Democracy, 6 pp.  
SWEDISH, np, Ny Dag, 28 Oct 1960, pp 2, 9.

JPRS 6553

**Northern Europe**  
**Military**

New Personnel Regulations of Danish  
Armed Services, 36 pp.  
DANISH, rpt, Copenhagen, 28 Nov 1960.

Navy/ONI 5107378

Newspaper Article Entitled "The Future  
Navy," 5 pp.  
DANISH, np, Copenhagen, 23 Nov 1960.

Navy/ONI 5107369

Report of "Exercise Snowstorm VII," 71 pp.  
NORWEGIAN, rpt, 20 Sep 1960.

ID 2157476

1. QM Control and the Research Problem;  
2. The Army QM School and Training Division,  
by Major Georg Jarmann.  
NORWEGIAN, per, Norsk Intendantur-Tidsskrift,  
No 3, 1960, pp 1-2, 3-24.

\*ACSI H-8028  
ID 2156412

**Geographic**

Tourist Roads in Finland Proper, by  
J. Levanto, 6 pp.  
FINNISH, per, Suomen Matkailu,  
Vol XXV, No 2, 1960, pp 14, 15.  
(Call No DK455.S95, Eng Tr)

AMS

NEAR EAST/AFRICA

Economic

Founding of Asbestos Products Industry  
in Kuwait, 11 pp.

ARABIC, rpt, Encl 1-3 to Desp No 161,  
AmConsulate, Kuwait, 30 November 1960.

Dept of State  
4466210

Ministry of Communications - Department  
of Roads and Land Transport - The Yearly  
Report 1957-1958.

ARABIC, rpt, Wizarat al Muwasalat Maslahat  
al Turug Wa an Negl al Barri, At Tagrir as  
Sanawt, Am 1957 - 1958, pp 213-261.

\*ACSI H-8095  
ID 2158090

Industrial Classification in the Syrian  
Region, (DC-5064).

ARABIC, per, al-Jaridah ar-Rasmiyyah,  
Vol XXXI, 13 Oct 1960, pp 6619-6622.

\*JPRS

The Syrian Economic Organization, (DC-5064).

ARABIC, per, al-Jaridah ar-Rasmiyyah,  
Vol CCXXXV, 16 Oct 1960, pp 1769-1770;  
Vol CCXXX, 10 Oct 1960, p 1746.

\*JPRS

Egyptian General Railway Authority, (DC-5064).

ARABIC, per, al-Jaridah ar-Rasmiyyah,  
Vol CCXXXVIII, 19 Oct 1960, pp 1783-1790.

\*JPRS

Memorandum of the Iraqi General Federation  
of Labor Unions, 9 pp.

ARABIC, np, Al-Mabda', 2, 3, 4, Oct 1960,  
Part I, II, III.

JPRS 6366

UAR New Valley Project, by A. H. Mohamad  
Kamaal El Attrabi, 13 pp.

ARABIC, per, Majallah al-Imdad wa at-Tamwin,  
No 1, 1959, pp 96-104.

JPRS 7074

Radio Talk on Togo Government Budget Proposals  
for 1961, by Prime Minister Sylvanus E.  
Olympio, 5 pp.

FRENCH, rpt, Encl to Desp No 166, AmEmbassy,  
Lome, 30 Nov 1960.

Dept of State  
4465611

Near East/Africa  
Economic (Contd)

Water Supply of the City of Aleppo,  
by J. De Riedmatten, 27 pp.  
FRENCH, per, Travaux, No 310, 1960,  
pp 547-558. (Call No TA 2.T77, Eng Tr)

AMS

Building the Railroad From Conakry to  
Fria, 27 pp.  
FRENCH, per, Travaux, No 300, Paris,  
1959, pp 599-607. (Call No TA2.T77,  
Eng Tr).

AMS

Port of Conakry, 11 pp.  
FRENCH, per, Travaux, No 300, Paris, 1959,  
pp 607-660. (Call No. TA2.T77, Eng Tr)

AMS

Political

Judicial Appointments, Transfers,  
and Promotions in the UAR, (DC-5064).  
ARABIC, per, al-Jaridah ar-Rasmiyyah,  
Vol CCXXX, 10 Oct 1960, pp 1744-1745;  
Vol CCXXX, 10 Oct 1960, p 1746;  
Vol CCXXXV, 16 Oct 1960, p 1771;  
Vol CCXXXVII, 18 Oct 1960, pp 1781, 1782.

\*JPRS

UAR Missions to Soviet Bloc Countries,  
(DC-5064).

ARABIC, per, al-Jaridah ar-Rasmiyyah,  
Vol CCXXVII, 6 Oct 1960, pp 1727-1728;  
Vol CCXXXIV, 15 Oct 1960, p 1761; Vol  
CCXXXVI, 17 Oct 1960, p 1778; Vol  
CCXXXIX, 20 Oct 1960, p 1792.

\*JPRS

Law No 234 of 1955 on the Organization of  
the Egyptian Police Force and Its  
Explanatory Memorandum, 53 pp.  
ARABIC, gazette, al-Waga'e al Masriyyah,  
No 34, 30 Apr 1955, pp 1-81.

JPRS 6452

Near East/Africa  
Political (Contd)

To Promulgate the Law of Commercial  
Companies, 45 pp.

ARABIC, np, Kuwait al-Yom, No 276,  
23 May 1960, Encl to Desp No 155,  
AmConsulate, Kuwait, 23 Nov 1960.

Dept of State  
4464708

Constitution of the Free-Pan-Cyberian  
Federation, 10 pp.

GREEK, pamphlet, pp 3-22.

JPRS 6512

1960 -- The Decisive Year in the National  
Revolution in Africa, by I. Potekhin,  
(SF-1425).

RUSSIAN, per, Sovremenniy Vostok, No 12,  
1960, pp 2-5.

\*JPRS

Data on 14 Members of the Supreme  
Investigations Committee, 4 pp.

TURKISH, np, Ulus, 2 Jul 1960, p 5.

JPRS 6534

Military

UAR War College, by Mohammed Fawzi, 4 pp.  
ARABIC, per, Majallat al-Mushat, Vol XII,  
No 47, Jul 1959, pp 9-17.

JPRS 6485

Vocational Training of a Transport Company,  
by Mohammed Atiyyah Mansur, 11 pp.

ARABIC, per, Majallat Silah Khidmat  
al-Jaysh, Vol VI, No 11, Jun 1958, pp 8-18.

JPRS 6485

Physical Training Activities, 6 pp.

HEBREW, per, Bamahaneh, 9 Feb 1960, pp 4-7.

JPRS 6499

Two Interviews With the Chief of Staff, 10 pp.

HEBREW, per, Bamahaneh, 26 Apr 1960, pp 3-6.

JPRS 6499

Preliminary Training, 4 pp.

HEBREW, per, Bamahaneh, 24 May 1960,  
pp 10, 11.

JPRS 6499



Near East/Africa  
Military (Contd)

Interview With Chief of Training  
Branch, 3 pp.

HEBREW, per, Bamahaneh, 21 Jun 1960,  
pp 3, 4.

JPRS 6499

Interview With Chief of Armored Corps,  
3 pp.

HEBREW, per, Bamahaneh, 12 Jul 1960.

JPRS 6499

Interview With Chief of Manpower Branch,  
4 pp.

HEBREW, per, Bamahaneh, 23 Aug 1960.

JPRS 6499

Deputy Minister of Defense Discusses  
Fundamental Change of Defense Set-up,  
by Shimon Peres, 7 pp.

HEBREW, per, Leget, No 7, 1960, pp 2-6.

JPRS 6499

Military Correspondent Reviews 1960  
Summer Maneuvers, 6 pp.

HEBREW, per, Leget, No 7, 1960, pp 7-10.

JPRS 6499

Military Strategist Analyzes Problems  
Confronting Military Forces, 5 pp.

HEBREW, per, Leget, No 7, 1960, pp 11-13.

JPRS 6499

Evaluation of Israel's Enemy Military  
Forces, 4 pp.

HEBREW, per, Leget, No 7, 1960, pp 14-16.

JPRS 6499

Military Organization in the Portuguese  
Congo, by Major Helio Augusto Esteves  
Felgas; Some Aspects of Military Organiza-  
tion in Mozambique, by Capt Henrique  
A. Nascimento Garcia, 93 pp.

PORTUGUESE, per, Revista Militar, No 11,  
No 1959, pp 640-648, 649-698.

ACSI H-6707  
ID 2158070

Data on 22 Turkish Generals, 6 pp.

TURKISH, np, Ulus, 30 Aug 1960, pp 1, 5.

JPRS 6534

Turkish Army High Command and General  
Staff, by Coskun Kirca, 12 pp.

TURKISH, np, Vatan, 27, 28 Aug, 1, 10  
Sep 1960.

JPRS 6361

Near East/Africa  
Geographic

Oases of Egypt, by Abd al Latif  
Wakid, 292 pp.  
ARABIC, bk, Wahat Misr, 1957.

ACSI H-6709  
ID 2156404

Sociological

Veterinary Secondary School in the  
Syrian Region, (DC-5064).  
ARABIC, per, al-Jaridah ar-Rasmiyyah,  
Vol XXXI, 13 Oct 1960, pp 6630-6638.

\*JPRS

Health Care in Netherlands New Guinea,  
by A. G. Roes, 5 pp.  
DUTCH, per, Nederlands Nieuw-Guinea,  
No 2, Mar 1960, pp 14, 15.

ACSI H-7383  
ID 2149801

FAR EAST

Economic

How to Convert Your Money Into New Taiwan Dollars.

CHINESE, pamphlet, Encl to Desp No 208, AmEmbassy, Taipei, 19 Oct 1960.

Dept of State  
4459509

Investment Laws of the Republic of China.

CHINESE, pamphlet, Encl to Desp No 208, AmEmbassy, Taipei, 19 Oct 1960.

Dept of State  
4459509

Speech on the Necessity for Continuing Programs Leading to Accelerated Economic Development, by Vice President Chen Cheng.

CHINESE, speech, Encl to Desp No 208, AmEmbassy, Taipei, 19 Oct 1960.

Dept of State  
4459509

Communist China Railroad Passenger Timetable - Summer 1960, (DC-5108).

CHINESE, booklet, Ch'uan-kuo T'ieh-lu Lu-k'o Lieh-ch'e Shih-k'o-piao, 1960, 99 pp.

\*JPRS

Socialist Industries, by Chao I-wen, 18 pp.

CHINESE, brochure, Hsin-chung-kuo-ti Kung-yeh, 1957, Chap III, pp 35-61.

JPRS 6440

Handicraft Industry, by Chao I-wen, 19 pp.

CHINESE, brochure, Hsin-chung-kuo-ti Kung-yeh, 1957, Chap V, pp 87-114.

JPRS 6440

New Experiences in the Technical Reform and Technical Revolution Movement, (SF-1405).

CHINESE, per, Chien Chu, No 16, 28 Sep 1960, pp 12-15.

\*JPRS

Several Questions in the Revolution of Construction Design, (SF-1405).

CHINESE, per, Chien Chu, No 17, 13 Oct 1960, pp 15-19.

\*JPRS

Forever Maintain and Manifest the Style of Diligent Labor and Frugality, by Ya P'ing, 7 pp.

CHINESE, per, Chung-kuo Fu-nu, No 18, 16 Sep 1960, pp 3, 4.

JPRS 4253

**Far East**  
**Economic (Contd)**

- Tibet's 1959 Achievements and 1960 Plans, by Panchen Erdeni Chuji-Geltseng, 23 pp.  
CHINESE, np, Hsi-ts'ang Jih-pao, 23 Apr 1960, pp 3, 4. JPRS 4204
- A Simple Method of Carbon Black Production by Means of an Abrasive-Resistant Furnace, 6 pp.  
CHINESE, per, Hua-hsueh Kung-yeh, No 3, 6 Feb 1960, pp 24, 25. JPRS 6443
- National List of Modern Red Flag Chemical Industry Units for 1959, 13 pp.  
CHINESE, per, Hua-hsueh Kung-yeh, No 3, 6 Feb 1960, pp 62-65. JPRS 6443
- Plastics, by Kao Ch'i-chin, 3 pp.  
CHINESE, per, Hua-hsueh Shih-chieh, No 10, 10 Oct 1959, p 461. JPRS 5643
- Raw Materials of Rubber and Rubber Products, by Hsien Shu-ch'eng, 4 pp.  
CHINESE, per, Hua-hsueh Shih-chieh, No 10, 10 Oct 1959, pp 462, 463. JPRS 5643
- Alcohol, by Ch'en T'ao-sheng, 3 pp.  
CHINESE, per, Hua-hsueh Shih-chieh, No 10, 10 Oct 1959, p 467. JPRS 5643
- Some Experiences in Designing the Shanghai Sulfuric Acid Plant, 5 pp.  
CHINESE, per, Hua-hsueh Shih-chieh, No 10, 10 Oct 1959, pp 476, 477. JPRS 5643
- Oxidized Paraffin Wax and Synthetic Fatty Acids, 8 pp.  
CHINESE, per, Hua-hsueh Shih-chieh, No 10, 10 Oct 1959, pp 478, 479. JPRS 5643
- Evaporator (First-Effect) Automatic Liquid Level Regulator and Feeder, 5 pp.  
CHINESE, per, Hua-hsueh Shih-chieh, No 10, 10 Oct 1959, p 486. JPRS 5643

Far East  
Economic (Contd)

Automatic Air Compressor Controller, 4 pp.  
CHINESE, per, Hua-hsueh Shih-chieh, No 10,  
10 Oct 1959, p 492.

JPRS 5643

Rely on Masses for Rational Distribution of  
Commodities, by Cheng Yen-shih, 13 pp.  
CHINESE, per, Hung-ch'i, No 20/21, 1 Nov 1960,  
pp 36-43.

JPRS 6471

Improve Livelihood, Promote Production, by Wang  
~~Kuo-chi~~, 8 pp.  
CHINESE, per, Hung-ch'i, No 20/21, 1 Nov 1960,  
pp 50-53.

JPRS 6471

Great Revolutionary Method in Designing Made  
by Mukden Aluminum and Magnesium Design  
Institute, 3 pp.  
CHINESE, np, Jen-min Jih-pao, 25 Mar 1960, p 2.

JPRS 4269

The Education Work in the City of Peiping Has  
Achieved a Leap Forward Upon a Leap Forward,  
by Wu Han, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 9.

JPRS 6397

Mobilization of All Cultural Forces to Support  
Agriculture, by Chien Chun-shui, 12 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 10.

JPRS 6397

The People's Communes Have Great Power: Hsin  
An, the Water Town (Shui Hsiang) Has No  
Mosquitoes, by Chang Kuo-chung, 9 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 10.

JPRS 6397

Depend Upon the Mass Movement to Quickly Change  
the Trend of Sanitation in the Cities, by  
Chu Kuang, 7 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 11.

JPRS 6397

Let Hogs Serve as Basic Livestock, Then All  
the Domestic Animals Will Flourish, by Ch'en  
I Koo, 7 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 12.

JPRS 6397

Far East  
Economic (Contd)

Fou Hsin's New Things, by Ch'iu Hsin-yah, 10 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 13. JPRS 6397

Implement a Large Force Towards Utilizing Wild  
Plants, by Ching Jen-chang, 9 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 13. JPRS 6397

The Use of Phonetic Scripts for Reading is  
a Powerful Instrument for Speeding Up Industrial  
and Agricultural Progress, by Li Hui, 11 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 14. JPRS 6397

Energetically Striving to Go Upward, by Liu  
Chien-hsi, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 14. JPRS 6397

Implement the Mass Movement to Insure Greater  
Production, by Chang Te-pao, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 14. JPRS 6397

Every Factory is a Life-Like Political Classroom,  
by Yen Tu-ho, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 15. JPRS 6397

Service and Reform Must Be United, by Shen  
Shao-Nien, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 17. JPRS 6483

The Construction of City Communes Is of Great  
Historical-Significance, by Wan Li, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 3. JPRS 6483

We Must Produce More and Better Tractors to  
Help Agricultural Production, by Chien Tuan-yu,  
12 pp.  
CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 9. JPRS 6483

The Glory of the City Communes, by Chang Pao-  
tien, 7 pp.  
CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 10. JPRS 6483

Far East  
Economic (Contd)

Persons Engaged in Industry and Commerce Are  
in the Midst of Transformation, by Kung Tien-min,  
4 pp.

CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 10. JPRS 6483

Increase Cement Production by Utilizing "The  
Foreign Mass Method," by Wang T'ao, 4 pp.

CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 11. JPRS 6483

The Old Iron Framework "One Step Closer to  
Heaven," by Su Kuang-wing, 4 pp.

CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 11. JPRS 6483

Use the "Three Unities" to Develop the Mass  
Scientific Technological Movement, by Hou Te-  
pang, 4 pp.

CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 11. JPRS 6483

Relief and Rehabilitation Work Must Make a  
Continued Leap Forward, by Ch'en Hsien-chou,  
6 pp.

CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 12. JPRS 6483

On a Large Scale Make Barren Land Arable; on  
a Grand Scale Cultivate the Land, by Tseng Tse-  
sheng, 7 pp.

CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 12. JPRS 6483

Develop Grain Production in Yunnan, by Ts'ui  
Chien-kung, 7 pp.

CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 12. JPRS 6483

Report on Prevention of Schistosomiasis, by  
Shen' Ch'i-chen, 6 pp.

CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 13. JPRS 6526

Take Positive Measures to Increase Hog Production,  
by I Hsiang-su, 5 pp.

CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 13. JPRS 6526

**Far East**  
**Economic (Contd)**

- The Prosperity of the Nation Today,, by Li  
Yu-hsiu, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 13. JPRS 6526
- Use Irrigation Water Economically; Implement  
Agricultural Water Conservation Measures, by  
Hsu K'ai, 8 pp.  
CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 14. JPRS 6526
- Brave Men Reform Rivers and Mountains, by Li  
Ch'en-chih, 8 pp.  
CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 14. JPRS 6526
- Drill Mechanical Wells: Rich Harvests Depend  
Not on Heaven, by Liu Yen-ch'un, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 14. JPRS 6526
- Revolution in Designing Opens Up a Wide Horizon,  
by Hsia Yi-hun, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 15. JPRS 6526
- Water Conservation and Hydroelectric Construction  
Progress at Ten Thousand Li Per Day, by Yu  
K'ai-ch'uan, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 15. JPRS 6526
- The Appearance of the Anshan Steel Mill Has  
Been Changed by Mass Campaigns, by Meng T'ai,  
Wang Ch'ung-lun, et al, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 9. JPRS 6491
- Water Goes Up the Mountain and Machines Take  
the Place of Oxen, by Wang Kuo-fan, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 9. JPRS 6491
- The Urban People's Communes Are Full of Vitality,  
by Liu P'ei-shan, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 9. JPRS 6491



Far East  
Economic (Contd)

- The Kwangsi Chuang Autonomous Region Initiates  
a Drive for Technological Revolution, by  
Liang Hua-hsin, Ch'eng Shu-tien, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 10. JPRS 6491
- Strive to Achieve the "Four Transformations"  
For Ever Greater Productivity, by Wang Feng-on,  
5 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 10. JPRS 6491
- March Onward Along the Road of the Whole People's  
Technological Revolution, by Yueh Wei-fan, 7 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 10. JPRS 6491
- Metal Work Accomplishments in Taiyuan, by Chao  
Ta-ch'ing, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 10. JPRS 6491
- The Flowers of the Communes Are in Full Bloom  
Everywhere, by Ning Wu, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 11. JPRS 6491
- The Brave and Hard-Working People of Shensi  
Province Are Fighting to Eliminate the Drought,  
by Chang Shou-yin, 7 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 11. JPRS 6491
- Life Gets Sweeter as Production Increases, by  
Li Neng, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 11. JPRS 6491
- Promote Technological Innovations to Master  
the World of Nature, by Lu Ch'iao-sheng, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 11. JPRS 6491
- Correct Political Ideology Leads to Leaps  
Forward in Production, by K'an Chu-ying, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 12. JPRS 6491
- Utilize Your Own Resources to Mechanize the  
Oil Producing Press, by Li Ch'uan-chiang, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 12. JPRS 6491

**Far East**  
**Economic (Contd)**

- Native and Modern Machines and Tools, Produced During the Technological Innovation Campaign, Must be Speedily Coordinated to Form Dragon-Like Lines, by Lin Cheng-liang, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 12. JPRS 6491
- The Machine Industry Strives to Mechanize Casting, Forging, Welding and Transport, by Liang Kuang, 7 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 12. JPRS 6491
- The Promising Future of the Agricultural Middle Schools, by Ch'e Hsiang-ch'en, 7 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 13. JPRS 6491
- The "Eight-Point Chapter" for Agriculture, as Applied to the Increase of Wheat Production, by Chin Shan-pao, 14 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 14. JPRS 6491
- Raise the Level of Chemical Research Work to Increase Production, by Yang Shih-hsien, et al, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 14. JPRS 6491
- The Mission and Accomplishment of Agricultural Technological Research, by Ting Ying, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 14. JPRS 6491
- Ta Mao Shan Has Been Developed, by Yang Wei-i, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 15. JPRS 6491
- A Poor Mountain Region Becomes an Excellent Hog Raising Center, by Ch'en Lei, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 15. JPRS 6491
- The Technological Revolution in the Large Enterprises Has Achieved Wonders, by Ch'u Hing-huang, 8 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 15. JPRS 6491

Far East  
Economic (Contd)

- Turning a Poor Mountain Into a Rich Mountain,  
by Yang Han-hsien, et al, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 15. JPRS 6491
- Impressions of Visits to Factories and People's  
Communes in the Northeast, by Lo Jen-i, 3 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 17. JPRS 6491
- The Advantages of the Organization of the People's  
Economic Life Are Too Many to Be Enumerated,  
by Li P'ing-heng, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 18. JPRS 6491
- Speed Up Work in the Construction and Installation  
Industry, by Wu Shih-ho, 8 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 19. JPRS 6491
- Transform Ourselves While Engaged in Active Work,  
by Kuo Hsiu-chen, Hsi Wen-kuang, Ting Tso-ch'eng,  
5 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 20. JPRS 6491
- Demonstrate Your Determination to Transform by  
Practical Deeds, by T'u Yu-ch'ing, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 20. JPRS 6491
- Problems Concerning Agricultural Technical  
Improvement in China, by Niu Chung-huang, 34 pp.  
CHINESE, np, Jen-min Jih-pao, 16 Aug 1960, p 7. JPRS 4236
- The Utilization of Manpower, by Jen Pai-i, 20 pp.  
CHINESE, np, Jen-min Jih-pao, 22 Oct 1960, p 2. JPRS 7131
- Thoroughly Realize the Ideology of Mao Tse-tung  
on the First Line of Agricultural Production,  
by Teng T'o, 28 pp.  
CHINESE, np, Jen-min Jih-pao, 24 Oct 1960, p 7. JPRS 7180
- The Payment of Wages on a Monthly Basis, by  
Wang Shih-hsin, 8 pp.  
CHINESE, np, Kiangsi Jih-pao, 12 Aug 1960, p 2. JPRS 4246

Far East  
Economic (Contd)

Actively Push Production and Expand Circulation  
of Goods to Service Production and Consumption,  
by Kuo Wen-t'ing, 9 pp.

CHINESE, np, Kirin Jih-pao, 4 Jun 1960, p 3.

JPRS 7184

Procurement Plan for First Half of 1960 Is  
Overfulfilled, by Hsin Hsiang-yuan, Sun Po,  
4 pp.

CHINESE, np, Kirin Jih-pao, 6 Jul 1960, p 1.

JPRS 7184

Achievements of the Iron and Steel Industry in  
China in the Last Ten Years, by Liu Ch'ing-yun,  
11 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 3, 1959,  
pp 13-15, 17.

JPRS 5643

Scientific and Technical Accomplishments of  
China's Chemical Industry, by Hou Te-pang,  
18 pp.

CHINESE, per, K'o-hsueh Hsin-wen, No 30,  
28 Sep 1959, pp 22-25, 8.

JPRS 5643

Chengtu Geological Institute Raises Utilization  
Rate of Instruments, 3 pp.

CHINESE, np, Kuang-ming Jih-pao, 11 Nov 1960,  
p 1.

JPRS 7360

Reform Achievements in Peiping Electronic Tube  
Factory, 4 pp.

CHINESE, np, Kung-jen Jih-pao, 22 Dec 1959,  
p 1.

JPRS 4269

A Message From the Peiping Electronic Tube  
Factory Workers, 3 pp.

CHINESE, np, Kung-jen Jih-pao, 24 Dec 1959,  
p 1.

JPRS 4269

Peiping Electronic Tube Factory Workers Assist  
Agriculture During New Year's Vacation, 3 pp.

CHINESE, np, Kung-jen Jih-pao, 23 Jan 1960,  
p 2.

JPRS 4269

Far East  
Economic (Contd)

Everyone Should Economize on Cotton Yarn and Cotton Cloth, 3 pp.

CHINESE, np, Kung-jen Jih-pao, 30 Jul 1960, p 1.

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CHINESE, np, Kung-jen Jih-pao, 30 Jul 1960, p 3.

JPRS 6547

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CHINESE, np, Kung-jen Jih-pao, 10 Sep 1960, p 1.

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CHINESE, np, Kung-jen Jih-pao, 17 Sep 1960, p 1.

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CHINESE, np, Kung-jen Jih-pao, 17 Sep 1960, p 1.

JPRS 7130

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CHINESE, np, Kung-jen Jih-pao, 17 Sep 1960, p 2.

JPRS 7130

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CHINESE, np, Kung-jen Jih-pao, 18 Sep 1960, p 1.

JPRS 7130

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CHINESE, np, Kung-jen Jih-pao, 23 Sep 1960, p 1.

JPRS 7135

Nanking Yung-li Chemical Works Overfulfills

1960 Plan for Ammonia Liquid Output, 6 pp.

CHINESE, np, Kung-jen Jih-pao, 25 Sep 1960, p 1.

JPRS 7135

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CHINESE, np, Kung-jen Jih-pao, 25 Sep 1960, p 2.

JPRS 7135

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CHINESE, np, Kung-jen Jih-pao, 30 Jul 1960,  
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CHINESE, np, Kung-jen Jih-pao, 30 Jul 1960,  
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JPRS 6547

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JPRS 7130

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JPRS 7130

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p 1.

JPRS 7130

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ize Old Products, 7 pp.

CHINESE, np, Kung-jen Jih-pao, 23 Sep 1960, p 1.

JPRS 7135

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1960 Plan for Ammonia Liquid Output, 6 pp.

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p 1.

JPRS 7135

Rapidly Apply Advanced Experiences Effectively  
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CHINESE, np, Kung-jen Jih-pao, 25 Sep 1960,  
p 2.

JPRS 7135

Far East  
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Ten Major Achievements in Technical Reform and Technological Revolution, 10 pp.

CHINESE, np, Kung-jen Jih-pao, 30 Sep 1960, p 3.

JPRS 7135

Fuel Conservation, 7 pp.

CHINESE, np, Kung-jen Jih-pao, 12 Oct 1960, p 1, 4.

JPRS 7138

Inner Mongolia Metallurgical and Mining Machinery Plant Supports Agricultural Production, 4 pp.

CHINESE, np, Kung-jen Jih-pao, 13 Oct 1960, p 1.

JPRS 7138

A-cheng Relay Plant Promotes Pattern Revolution, 3 pp.

CHINESE, np, Kung-jen Jih-pao, 14 Oct 1960, p 2.

JPRS 7138

A Report on Rainfall and Water Content of the Soil in T'ung-hua Area From 1 to 25 March, 4 pp.

CHINESE, per, Shui-wen Yueh-k'an, No 5, 1959, p 6.

JPRS 7178

How to Calculate Water Requirement in Wheat During Growth Period, by Huang Chang, 4 pp.

CHINESE, per, Shui-wen Yueh-k'an, No 5, 1959, p 12.

JPRS 7178

An Accounting Network of Five Industries Linked Together -- A Good Form for Managing Commune Finance, 3 pp.

CHINESE, np, Ta Kung Pao, 3 Jul 1960, p 2.

JPRS 6415

Some Problems in Doing a Good Job at Rural Commune Financial Work, by Li Wen-hao, 6 pp.

CHINESE, np, Ta Kung Pao, 3 Jul 1960, p 3.

JPRS 6415

Raise the Standard of Trade and Finance to a New Level, by Hua Kuo-feng, 5 pp.

CHINESE, np, Ta Kung Pao, 15 Jul 1960, p 3.

JPRS 6413

Far East  
Economic (Contd)

Advantages of Developing the Investment Contract System During the Period of Technological Innovations and Technological Revolution Movement, 5 pp.

CHINESE, np, Ta Kung Pao, 17 Jul 1960, p 3. JPRS 6413

Spur the Production and Distribution of Spare Parts in Support of Agriculture, 3 pp.

CHINESE, np, Ta Kung-Pao, 30 Jul 1960, p 1. JPRS 5904

Man-Made Fiber Plant Built by Self Regeneration, by Huang Hua-hsi, 3 pp.

CHINESE, np, Ta Kung Pao, 31 Aug 1960, p 1. JPRS 4215

Honan Commercial Departments Give Solid Assistance to Agriculture, 5 pp.

CHINESE, np, Ta Kung Pao, 4 Sep 1960, p 2. JPRS 4228

On the New Developments in Commercial Work and Their Significance, by Hsin Lu, 7 pp.

CHINESE, np, Ta Kung Pao, 4 Sep 1960, p 3. JPRS 4228

Heilungkiang Spring Wheat Tax and Purchase Program Enters High Tide, 3 pp.

CHINESE, np, Ta Kung Pao, 5 Sep 1960, p 1. JPRS 4242

Finance and Trade Must Actively Support Urban Commune Industry, by Ch'un Hui, 9 pp.

CHINESE, np, Ta Kung Pao, 6 Sep 1960, p 3. JPRS 4248

Organize the Storage and Transportation of Commodities for More Quantity, Speed, Quality and Economy, 8 pp.

CHINESE, np, Ta Kung Pao, 7 Sep 1960, p 1. JPRS 4241

Data on Water Transport in Hunan and Hupeh, 6 pp.

CHINESE, np, Ta Kung Pao, 7 Sep 1960, p 3. JPRS 4241

Vegetable Production and Supply in Shih-chia-chuang City, by Sun Chien, Yang Chen-hsia, 8 pp.

CHINESE, np, Ta Kung Pao, 13 Sep 1960, p 3. JPRS 4276



Far East  
Economic (Contd)

Strong Support to Agriculture Is an Honorable Task for All Industrial and Mining Enterprises, by Liu Jih-hsin, 9 pp.

CHINESE, np, Ta Kung Pao, 20 Sep 1960, p 3.

JPRS 4272

Liaoning Financial Departments Support Production in Disaster Areas for Self Relief and Rehabilitation, 4 pp.

CHINESE, np, Ta Kung Pao, 22 Sep 1960, p 2.

JPRS 4272

The Financial Activities of People's Communes Must Serve Production and Distribution, by An Po-k'ang, 11 pp.

CHINESE, np, Ta Kung Pao, 22 Sep 1960, p 3.

JPRS 4272

Central Industry and Commerce Administrative Control Bureau Trade Mark Bulletin No. 3, 23 September 1960, 9 pp.

CHINESE, np, Ta Kung Pao, 24 Sep 1960, p 3.

JPRS 4276

Collectivization of Agriculture in the Vietnam Democratic Republic, (SF-1422).

HUNGARIAN, per, Partelet, No 10, 1960, pp 46-52.

\*JPRS

Guide for POL Products.

INDONESIAN, bk, Pedoman Mengenni Perawatan Dan Pemeliharaan Bahan-Bahan Perminjakan Angkatan Darat, Parts III-IX, pp 111-127, 133-138, 143-147, 153-154, 159-172, 177-191, 197-204.

\*ACSI H-7937  
ID 2136097

Development in Indonesia, by Ir. S. Dipokusumo, 35 pp.

INDONESIAN, bk, Pembangunan di Indonesia, 15 Jun 1960, pp 1-23.

JPRS 5667

Problems of Marketing and Purchasing Cooperatives, 3 pp.

INDONESIAN, np, Harian Rakjat, Vol X, No 2633, 6 Jul 1960, p 2.

JPRS 5720

Forest and Forestry Problems in Indonesia, 13 pp.

INDONESIAN, np, Harian Rakjat, Vol X, No 2636, 9 Jul 1960, p 2; No 2637, 11 Jul 1960, p 2; No 2638, 12 Jul 1960, p 2; No 2639, 13 Jul 1960, p 2.

JPRS 5720

Far East  
Economic (Contd)

Organization: Implementation of Second Third-Year-Plan and Peasantry in Central Borneo, by M. T. Peleng, 7 pp.

INDONESIAN, per, Kehidupan Partai, No 6, 1960, pp 106-109.

JPRS 6472

Foreign Aid to Finance Development Planning, by Kwik Kian Giam, (SF-1384).

INDONESIAN, per, Mimbar Indonesia, Vol XIV, No 47, 19 Nov 1960, pp 9, 10, 11, 29; No 48/49, 30 Nov 1960, pp 16, 17, 30; No 50, 10 Dec 1960, pp 10, 11.

\*JPRS

Rural Community Development Program, by Affandi, 9 pp.

INDONESIAN, per, Mimbar Penerangan, Vol XI, No 9, May 1960, pp 309-315.

JPRS 6458

Paper Manufacture in Indonesia, by Anwar Sutan Saidi, 14 pp.

INDONESIAN, per, Mimbar Umum, Vol XIV, No 34/35, 23 Aug 1960, pp 25-28.

JPRS 5898

Some Aspects of Industrialization in Indonesia, by S. Azhari, 16 pp.

INDONESIAN, per, Siasat, Vol XIV, No 688, 17 Aug 1960, pp 3-6.

JPRS 5954

1959 Report of the State Committee for Industrial and Agricultural Textiles, (SF-1384).

INDONESIAN, per, Warta Ekonomi, Vol XIII, No 35/36/37, 10 Sep 1960, pp 624, 625; No 38/39/40, 1 Oct 1960, pp 659, 660, 661, 662; No 44/45/46, 12 Nov 1960, pp 760, 761.

\*JPRS

Japanese View on Latent Power of People's Communes in Communist China, by Ozaki Shotaro, 20 pp.

JAPANESE, per, Ajia Keizai Jumbo, No 444, 20 Sep 1960, pp 10-17.

JPRS 5912

Far East  
Economic (Contd)

Communist China as Seen From Slogans, by Fukushima Yutaka, 12 pp.

JAPANESE, per, Ajia Keizai Jumbo, No 444, 20 Sep 1960, pp 23-26.

JPRS 5912

Japanese Analysis on Agricultural Problems of Communist China in 1960, (NY-5618).

JAPANESE, per, Ajia Kenkyu, No 246, 6 Dec 1960, pp 2-14.

\*JPRS

Chinese Urban People's Communes, by Ishikawa Shigeru, 24 pp.

JAPANESE, np, Ekafe Tsushin, No 237, 11 Aug 1960, pp 1-23.

JPRS 5850

The Democratic Republic of Vietnam Economy and Foreign Trade, by M. M. Avsenev, 194 pp.

RUSSIAN, bk, Demokraticheskaya Respublika V'yetnam -- Ekonomika i Vneshnyaya Torgovlya, 1960, pp 3-109.

JPRS 7437

Finance in the Democratic Republics of Korea and Mongolia, by D. Butakov, V. Bochkova, I. Shevel', (SF-1363).

RUSSIAN, bk, Finansy Stran Narodnoy Demokratii, 21 Nov 1959, pp 284-343.

\*JPRS

Hydroelectric Power Resources in the People's Republic of China and Their Utilization, by V. D. Ivanov, Ye. P. Kazakevich, (NY-5684).

RUSSIAN, monograph, Gidroznergeticheskiye Resursy Kitayskoy Narodnoy Respubliki i ikh Ispol'zovaniye, 18 Mar 1960, pp 3-48.

\*JPRS

China - An Economic-Geographic Sketch, by Ya. M. Berger, 87 pp.

RUSSIAN, brochure, Kitay - Ekonomiko-Geograficheskoy Ocherk, 1959, pp 1-113.

JPRS 6394

Far East  
Economic (Contd)

Socialist Transformation of Agriculture in the Chinese People's Republic (1949-1957), by I. Korkunov, V. Kurbatov, A. Mugruzin, G. Sukharchuk, 188 pp.  
RUSSIAN, bk, Sotsialisticheskoye Preobrazovaniye Sel'skogo Khozyaystva v KNR (1949-1957), 1960, pp 1a-207,

JPRS 4255

Welding Theory and Practice in the People's Republic of China, by Yu. N. Gotal'skiy, 11 pp.  
RUSSIAN, per, Avtomat Svarka, No 10, 1960, pp 82-93.

JPRS 4266

Achievements in the Field of Signal-Centralization-Blocking and Communication in the Chinese People's Republic, by Wang Hsi-shih, Wu Cheng-kuei, I. A. Belyazo, 10 pp.  
RUSSIAN, per, Avtomatika, Telemekh i Svyaz, No 10, 1959, pp 4-6.

JPRS 4250

Regulated Wages for Labor of Underground Workers in the Coal Industry in Outer Mongolia, by S. Gombosuren, T. Imamov, (SF-1398).  
RUSSIAN, per, Byulleten' Nauchnoy Informatsii, Trud i Zarabotnaya Plata, No 10, 1960, pp 54-57.

\*JPRS

Development of Machine-Tool Building in China, 6 pp.  
RUSSIAN, per, Narodnoye Khoz Kazakh, No 1, 1960, pp 84-86.

JPRS 4254

Successes of Railroad Transport in China, by Yu. I. Fomin, 7 pp.  
RUSSIAN, per, Zheleznodorozhnyy Transport, No 6, 1960, pp 81-83.

JPRS 4296

Handicraft Production in North Vietnam, by Nguyen Hong Sinh, 27 pp.  
VIETNAMESE, pamphlet, Con Du'ong Tien Len cua San Xuat Thu Cong Nghiep Trong Tho'i Ky Xay Du'ng Chu Nghia Xa Hoi O' Mien Bac Nu'oc Ta, Jul 1959, Chap II, pp 23-63.

JPRS 6427

Far East  
Economic (Contd)

Production Relationships and Techniques in  
Agriculture, by Quyet Tien, 13 pp.  
VIETNAMESE, per, Hoc Tap, No 8/9, 1960,  
pp 87-96.

JPRS 6356

Struggle for the Basic Completion of Low-Level  
Agricultural Cooperativization by the End of  
This Year, by Tran Huu Duc, 10 pp.  
VIETNAMESE, per, Hoc Tac, No 8/9, 1960,  
pp 124-129.

JPRS 6351

We Must Do Well the Work of Labor Management  
in Agricultural Production Cooperatives, by  
Thanh Hoai, 10 pp.  
VIETNAMESE, per, Hoc Tac, No 8/9, 1960,  
pp 130-135.

JPRS 6351

Improvement in Production Implements, 7 pp.  
VIETNAMESE, np, Nhan Dan, No 2383, 27 Sep  
1960, p 3.

JPRS 4280

Materialize the Party Congress Decision and  
Vinh Phuc Will Become a Province Full of Warm  
and Charm, 4 pp.  
VIETNAMESE, np, Nhan Dan, No 2386, 30 Sep  
1960, p 4.

JPRS 4280

Encouragement of Scientific Farming, by Le  
Duy Thuoc, 6 pp.  
VIETNAMESE, np, Nhan Dan, No 2388, 2 Oct  
1960, p 3.

JPRS 7232

General Agricultural Development in Midland  
Regions, 5 pp.  
VIETNAMESE, np, Nhan Dan, No 2388, 2 Oct  
1960, p 3.

JPRS 4280

The Grain Problem, 8 pp.  
VIETNAMESE, np, Nhan Dan, No 2412, 26 Oct  
1960, p 3.

JPRS 7231

The Grain Problem, by Hoang Tung. 17 pp.  
VIETNAMESE, np, Nhan Dan, No 2414, 2416,  
28, 30 Oct 1960.

JPRS 7412

Far East  
Political

Regulations on Handling Demobilized National Servicemen, (DC-5090).

CHINESE, bk, Chung-hua Jen Nien Kung Ho Kuo Fa Kuei Hui P'ien, No 7, Sep 1958, pp 200-203.

\*JPRS

Firmly Implement the Directive of the State Council on Receiving and Settling Returning Overseas Chinese, 4 pp.

CHINESE, per, Ch'iao-wu Pao, No 2, 20 Feb 1960, pp 6, 10.

JPRS 4212

The Repatriation of Overseas Chinese Will Not Bear Obstruction, by Chiang Ho, 7 pp.

CHINESE, per, Ch'iao-wu Pao, No 2, 20 Feb 1960, pp 11, 12.

JPRS 4212

Receiving and Settling Returning Overseas Chinese Is Our Glorious Duty, by T'ien Hsin, 6 pp.

CHINESE, per, Ch'iao-wu Pao, No 2, 20 Feb 1960, pp 15, 16.

JPRS 4212

Compare Ideology, Contributions, and Thrift, 5 pp.

CHINESE, np, Chieh-fang Jih-pao, 20 Aug 1960, p 1.

JPRS 4270

Mass Movement Promotes the Sickness Prevention Program, 4 pp.

CHINESE, np, Chieh-fang Jih-pao, 30 Aug 1960, p 3.

JPRS 4270

Arouse High Morale, Extend the Strength of the People's Communes, 7 pp.

CHINESE, np, Chieh-fang Jih-pao, 30 Aug 1960, p 5.

JPRS 4270

Strengthen the Political Ideological Activities to Welcome the New School Year, 6 pp.

CHINESE, np, Chieh-fang Jih-pao, 10 Sep 1960, pp 1, 2.

JPRS 4270

Far East  
Political (Contd)

A Basic Summary of the Victorious Experience of  
the Chinese People's Revolution, 14 pp.

CHINESE, per, Hung-ch'i, No 20/21, 1 Nov 1960,  
pp 1-13.

JPRS 6471

Road of Great October Revolution Is Common

Road for Liberation of All Mankind, 5 pp.

CHINESE, per, Hung-ch'i, No 20/21, 1 Nov 1960,  
pp 14-17.

JPRS 6471

Dialectics Is the Algebra of Revolution, by

Teng Li-ch'un, Wu Chiang, 26 pp.

CHINESE, per, Hung-ch'i, No 20/21, 1 Nov 1960,  
pp 18-35.

JPRS 6471

Apply Widely the Science of Operation and  
Programming in Socialist Construction, by

Liu Chi-p'ing, 21 pp.

CHINESE, per, Hung-ch'i, No 20/21, 1 Nov 1960,  
pp 44-49.

JPRS 6471

Field Science Research Activities in T'ang-

shan Hsien, Anhwei, by Liu Ch'in-chien, 8 pp.

CHINESE, per, Hung-ch'i, No 20/21, 1 Nov 1960,  
pp 54-57.

JPRS 6471

Translations From "Hung-ch'i," (DC-3502/31).

CHINESE, per, Hung-ch'i, No 22, 16 Nov 1960,  
pp 1-41.

\*JPRS

Advance the Technological Revolutionary Mass  
Movement to New Heights, by Huang Yen-on,

11 pp.

CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 11.

JPRS 6397

The Operational Teams' Lives Must Be Bound

Up With the Lives of the Masses, by Tang Yu-pao,

7 pp.

CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 11.

JPRS 6397

Far East  
Political (Contd)

- Raise the Red Flag of Mao Tse Tung's Ideology  
Higher in Developing the Industrial and  
Agricultural Philosophical Movement, by Tu  
Kuo-hsiang, 6 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 12. JPRS 6397
- Continue to Engage in the Basic Reform of the  
Political Standpoint, by Chiang Ping-ling, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960, p 15. JPRS 6397
- The Victory of the Great Leap Forward Is the  
Victory of Mao Tse-tung's Ideology, by Wu  
Chia-hsiang, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 20. JPRS 6491
- Deep Ideology in a Continuous Revolution So  
That It Will Not Be Run Over by the March of  
Time, by Sheng T'ung-sheng, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 20. JPRS 6491
- New Developments in the Contradictions Among  
Imperialist Countries, by Su Lan, 12 pp.  
CHINESE, np, Jen-min Jih-pao, 26 Sep 1960, p 6. JPRS 4263
- Develop the Revolutionary Spirit of "Doing  
It By Oneself," by Yu Chang-jui, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 27 Sep 1960. JPRS 4226
- The Objects of Political Economy, by Hsu  
Ti-p'ing, 22 pp.  
CHINESE, np, Kuang-ming Jih-pao, 17 Oct 1960,  
p 3. JPRS 7179
- The Identity of Thought and Existence and Other  
Problems, by Chou Chien-jen, 7 pp.  
CHINESE, np, Kuang-ming Jih-pao, 22 Oct 1960,  
p 3. JPRS 7179
- Some Problems Connected With the Present  
National Independence Movements, by Ho Fang,  
17 pp.  
CHINESE, per, Kuo-chi Wen-t'i Yen-chiu, No 3,  
3 Jul 1959, pp 10-19. JPRS 6434



Far East  
Political (Contd)

We Must Understand the Principle of the Unified and Struggle Nature of Contradiction, by Wu Ping-yuan, 7 pp.

CHINESE, np, Kwang-ming Jih-pao, 2 Sep 1960, p 3.

JPRS 4232

The Age of Imperialism Cannot Last Very Long, by Ch'eng Wen, 4 pp.

CHINESE, np, Nei-meng-ku Jih-pao, 23 Jun 1960, p 3.

JPRS 4225

Responsibilities Toward the Party, 4 pp.

CHINESE, per, Shang-yu, No 2, 25 Jan 1960, pp 14-16.

JPRS 6488

Eliminate Ideological Difficulties by Studying Mao Tse-tung's Ideology, by Chao Wu-cheng, 5 pp.

CHINESE, per, Shang-yu, No 3, 10 Feb 1960, pp 1-4.

JPRS 6488

The Party School Network in the Swatow Area, 6 pp.

CHINESE, per, Shang-yu, No 3, 10 Feb 1960, pp 22-25.

JPRS 6488

We Must Seek Peace Through Struggle Before We Can Obtain Peace, by Li Chin-min, (SF-1437).

CHINESE, per, Shih-chieh Chih-shih, No 20, 20 Oct 1960, pp 7-12.

\*JPRS

Study Chairman Mao's Analysis of the International Situation After the Second World War, by Hu Yu-chih, (SF-1437).

CHINESE, per, Shih-chieh Chih-shih, No 20, 20 Oct 1960, pp 13-17.

\*JPRS

A Powerful Weapon for Opposing Imperialism, by Liao Kai-lung, (NY-5667).

CHINESE, per, Shih-chieh Chih-shih, No 21, 5 Nov 1960, pp 4-9.

\*JPRS

Far East  
Political (Contd)

Resolutely Combat Imperialism to the End, by  
Ai Na, (NY-5667).

CHINESE, per, Shih-chieh Chih-shih, No 21,  
5 Nov 1960, pp 10-13.

\*JPRS

Mongolia, by Erich Thiel, (SF-1417).  
GERMAN, bk, Die Mongolei, Vol XIII, 1958,  
pp 3-456, 470-492.

\*JPRS

The Selected Works D. N. Aidit, Indonesian  
Communist Party Leader, 386 pp.  
INDONESIAN, bk, D. N. Aidit - Pilihan Tulisan,  
Volume I, 1959, pp 6-40, 42-64, 66-75, 77-82,  
84-90, 92-124, 126-132, 132-138, 141-156,  
158-168, 170-175, 177-181, 183-197, 199-205,  
274-277, 300-311, 313-322, 352-354, 356-359,  
361-366, 401, 402, 441-460, 500-532.

JPRS 6551

Draft of the Amended SOBSI Constitution,  
(NY-5605).  
INDONESIAN, pamphlet, Jajasan Karja Bhakti,  
1960, pp 1-24.

\*JPRS

General Report of the SOBSI National Council  
to the 3rd SOBSI National Congress, Parts II  
& III, (NY-5605).  
INDONESIAN, pamphlet, Jajasan Karja Bhakti,  
1960, pp 75-118.

\*JPRS

Working Guide of the Department of Youth  
and Students, Central Committee of the Indonesian  
Communist Party, (SF-1430).  
INDONESIAN, document, Pedoman Kerdja Departemen  
Pemuda Dan Peladjar, Komite Central Partai  
Komunis Indonesia, 1956-1960, 35 pp.

\*JPRS

Lenin, Brilliant Revolutionary Strategist and  
Development Expert, by Sakirman, 22 pp.  
INDONESIAN, per, Bintang Merah, Vol XVI,  
Mar/Apr 1960, pp 112-123.

JPRS 5763

Far East  
Political (Contd)

Two Main Requirements for Lenin-Type Party:  
Centralism and Discipline, by B. O. Hutapea,  
13 pp.

INDONESIAN, per, Bintang Merah, Vol XVI,  
Mar/Apr 1960, pp 124-130.

JPRS 5763

The Meaning of PKI Support for the 1945 Consti-  
tution and Guided Democracy, Part II, by  
Sakirman, (DC-5106).

INDONESIAN, per, Bintang Merah, Vol XVI,  
Jul/Aug 1960, pp 320-340, 348.

\*JPRS

Lesson of the August Revolution, 6 pp.

INDONESIAN, np, Harian Rakjat, Vol X, No 2469,  
10 Aug 1960, pp 3, 4.

JPRS 5719

Implementation of Guided Democracy, 3 pp.

INDONESIAN, np, Harian Rakjat, Vol X, No 2651,  
12 Aug 1960, p 3.

JPRS 5719

More Consistent Implementation of the Political  
Manifesto, 9 pp.

INDONESIAN, np, Harian Rakjat, Vol X, No 2655,  
17 Aug 1960, pp 1, 2.

JPRS 5719

Fifteen Years of the 1945 Constitution and  
the Stage of the Revolution, 4 pp.

INDONESIAN, np, Harian Rakjat, Vol X, No 2657,  
20 Aug 1960, p 2.

JPRS 5719

D. N. Aidit: Implement Land Reform Sincerely,  
5 pp.

INDONESIAN, np, Harian Rakjat, Vol X, No 2658,  
22 Aug 1960, p 1.

JPRS 5719

Loyalty to the August 1945 Revolution, 6 pp.

INDONESIAN, np, Harian Rakjat, Vol X, No 2659,  
23 Aug 1960, pp 3, 4.

JPRS 5719

Political Manifesto, Development and Financing,  
by F. Runturembi, 22 pp.

INDONESIAN, np, Harian Rakjat, Vol X, No 2664,  
29 Aug 1960, p 3; Vol X, No 2665, 30 Aug 1960,  
pp 3, 4.

JPRS 5763

Far East  
Political (Contd)

Second Plenary Session of PKI Central Committee  
and Other Indonesian Communist Materials, (DC-5183).  
INDONESIAN, np, Harian Rakjat, 31 Dec 1960,  
pp 1, 2, 4, 2, 3, Jan 1961, pp 1-4.

\*JPRS

Forty Years of P. K. I. and the Development of  
Ideology, 5 pp.  
INDONESIAN, per, Kehidupan Partai, No 5, 1960,  
pp 81-83.

JPRS 7124

The Role of Discussion in "Ideological" Struggle,  
6 pp.  
INDONESIAN, per, Kehidupan Partai, No 5, 1960,  
pp 87-90.

JPRS 7124

Implement Second Three-Year Plan for Total  
Completion of August Revolution, 6 pp.  
INDONESIAN, per, Kehidupan Partai, No 6, 1960,  
pp 97-100.

JPRS 6472

Several Experiences in Combating Subjectivism,  
7 pp.  
INDONESIAN, per, Kehidupan Partai, No 6, 1960,  
pp 102-105.

JPRS 6472

Fifteen Years of the August Revolution, 7 pp.  
INDONESIAN, per, Kehidupan Partai, No 8, 1960,  
pp 163-166.

JPRS 6472

Organization: Several Lessons on the Development  
of the Party Since the August Revolution, by  
D. Amrin, 6 pp.  
INDONESIAN, per, Kehidupan Partai, No 8, 1960,  
pp 166-168.

JPRS 6472

Forced Suspension of PKI Activity, by Zuebair  
A. Hadid, 6 pp.  
INDONESIAN, per, Mimbar Indonesia, Vol XIV,  
No 37, 10 Sep 1960, pp 3-6.

JPRS 6458

Far East  
Political (Contd)

A Discussion on the Indonesian Parliament, by  
Sarjono Wignjodipoetro, 3 pp.

INDONESIAN, per, Mimbar Indonesia, Vol XIV,  
No 38, 17 Sep 1960, pp 9-11, 31.

JPRS 6458

Presidential Decree No 5 of 1960 Concerning  
Regional Legislatures, 7 pp.

INDONESIAN, np, Pikiran Rakjat, Vol XI, No 102,  
29 Sep 1960, pp 1, 2.

JPRS 6567

The Position of Labor in the Process of Sociali-  
zation, by Arnold H. Simbolon, 3 pp.

INDONESIAN, np, Sikap, Vol XIII, No 12,  
4 May 1960, pp 6, 8.

JPRS 6462

Basic Regulations of the "Dawn of Hope"  
Organization, 5 pp.

INDONESIAN, per, Suara Ibukota, Vol III,  
No 12/13, 1 Jul 1960, p 7.

JPRS 6511

Labor in a Guided Democracy, by Bachtiar  
Salim Haloho, 5 pp.

INDONESIAN, np, Suara Marhaen, Vol I, No 35,  
24 Dec 1959, p 6.

JPRS 6462

The Peasants and the August Revolution, 4 pp.

INDONESIAN, per, Suara Tani, Vol XI, No 10,  
1960, pp 6, 7.

JPRS 4279

The Eleventh Anniversary of the Chinese People's  
Republic, by S. Tikhvinskiy, 10 pp.

RUSSIAN, per, Kommunist, No 14, Sep 1960,  
pp 76-83.

JPRS 6500

The Great Holiday of the Chinese People, by  
M. El'chibekyan, 4 pp.

RUSSIAN, per, Kommunist, 1 Oct 1960.

JPRS 6368

National Holiday of the Chinese People, by  
G. Yefimov, 4 pp.

RUSSIAN, np, Leningradskaya Pravda, 1 Oct 1960.

JPRS 6368

Far East  
Political (Contd)

Strengthen Party Discipline, by Dao An Thai,  
7 pp.

VIETNAMESE, per, Hoc Tac, No 8/9, 1960, pp 136-  
140.

JPRS 6351

Maintain the Collective Leadership of the Party  
Executive Committees, by Pham Minh, 4 pp.

VIETNAMESE, per, Hoc Tac, No 8/9, 1960, pp 140-  
142.

JPRS 6351

The Mass Line of the Party, by Song Le, 18 pp.

VIETNAMESE, per, Hoc Tap, No 8/9, 1960, p 64.

JPRS 6390

The Real Face of the Ngo Dinh Dien Regime, by  
Nguyen Minh Vy, 15 pp.

VIETNAMESE, per, Hoc Tap, Aug/Sep 1960, pp 110-  
114.

JPRS 7165

The Ngo Dinh Diem Clique Is Gradually Facing  
Isolation, by Truong Quoc Minh, 10 pp.

VIETNAMESE, per, Hoc Tap, Aug/Sep 1960, pp 115-  
118.

JPRS 7165

The South Vietnam Press Under the US-Diem

Fascist Dictatorship, by Nguyen Hoai Nam, 16 pp.

VIETNAMESE, per, Hoc Tap, Aug/Sep 1960, pp 118-  
123.

JPRS 7165

Where Is American Peace-Wrecking Policy Heading,  
by Tien Dung, 8 pp.

VIETNAMESE, per, Hoc Tap, No 8/9, 1960, pp 143-  
145.

JPRS 7166

Far East  
Political (Contd)

The Successful Leadership of Gia-Vien District  
Party Committee in Grain Collection Program,  
by Bui-duc Trinh, 10 pp.  
VIETNAMESE, per, Hoc Tap, No 8/9, 1960, pp 151-  
153.

JPRS 7166

A Few Opinions on Artistic Criticism, by Bao  
Dinh Giang, Dong Hoai, (SF-1372).  
VIETNAMESE, per, Nghien Cuu Van Hoc, No 11,  
1960, pp 1-9.

\*JPRS

We Must Seek a Rational Solution to the Problem  
of the Written Language, by Hoang Phe, (SF-1372).  
VIETNAMESE, per, Nghien Cuu Van Hoc, No 11,  
1960, pp 10-33.

\*JPRS

Experiences in Conducting a Party Congress, by  
To Huu, 11 pp.  
VIETNAMESE, np, Nhan Dan, No 2288, 24 Jun 1960,  
p 4.

JPRS 5563

Speech of the Delegate of the Soviet Communist  
Party, 6 pp.  
VIETNAMESE, np, Nhan Dan, No 2370, 14 Sep 1960,  
p 5.

JPRS 7133

Speech of the Delegate of the Chinese Communist  
Party, 4 pp.  
VIETNAMESE, np, Nhan Dan, No 2370, 14 Sep 1960,  
p 5.

JPRS 7133

Strengthen and Safeguard Socialist Legislation,  
by Pham Van Bach, 7 pp.  
VIETNAMESE, np, Nhan Dan, No 2390, 4 Oct 1960,  
p 3.

JPRS 7132

On the Model Party Member in North Vietnam, by  
Dang Dinh Giap, 3 pp.  
VIETNAMESE, per, Thoi-Su Pho-Thong, No 11,  
11 May 1960, pp 22-26.

JPRS 6414

**Far East  
Military**

Liberation Army Pictorial 8/1960, 18 pp.  
CHINESE, per, Chieh Fang Chun Hua Pao,  
Aug 1960.

ID 2156729

Liberation Army Pictorial 9/1960, 13 pp.  
CHINESE, per, Chieh Fang Chun Hua Pao,  
Sep 1960.

ID 2157539

Liberation Army Pictorial 10/1960, 13 pp.  
CHINESE, per, Chieh Fang Chun Hua Pao,  
Oct 1960.

ID 2157542

Liberation Army Pictorial 11/1960, 13 pp.  
CHINESE, per, Chieh Fang Chun Hua Pao,  
Nov 1960.

ID 2157543

Items of Equipment for Barracks, by Markas  
Besar Angkatan Darat.

INDONESIAN, bk, Buku Pedoman Pemakaian  
Alat<sup>2</sup> Ksatrijan.

\*ACSI H-7939

ID 2136097

Guide for the Use of Organizational and  
Field Equipment, by Markas Besar Angkatan  
Darat.

INDONESIAN, bk, Pedoman Pemakaian Alat<sup>2</sup>  
P.P.L.

\*ACSI H-7938

ID 2136097



Far East  
Geographic

Economic Geography of the Hu-lun-pei-erh  
(Mongol) League, by Kuo Lai-hsi, Hsieh Hsiang-  
fang, Kuo Chien-mou, (DC-5171).  
CHINESE, monograph, Hu-lun-pei-erh Meng  
Ching-chi Ti-li, May 1959, 123 pp.

\*JPRS

Asis Beyond the Border, by D. L. Armand,  
E. M. Murzaev, Yu. K. Yefremov, (SF-1416).  
RUSSIAN, bk, Zarubezhnaya Aziya, 1956,  
pp 191-300, 378-425.

\*JPRS

Characteristics on Cartographic Work in  
Siberia and the Far East, 9 pp.  
RUSSIAN, per, Geodezist, No 9, 1927,  
pp 30-35.

JPRS R-105-N/27

The Contrast Between Today and Yesterday --  
Description of Lao Kay Mining Area, by Do  
Thanh, 4 pp.  
VIETNAMESE, np, Lao Dong, No 786, 16 Aug  
1960, p 3.

JPRS 4224

Far East  
Sociological

Establish a Social Atmosphere of Treasuring  
Hard Work and Doing With the Simple and Plain  
and of Heaping Shame on Laziness and Waste,  
by Yang P'o, 6 pp.

CHINESE, per, Chung-kuo Fu-nu, No 18,  
16 Sep 1960, pp 1, 2.

JPRS 4253

Studying Mao Tse-tung's Ideology Is an  
Important Duty of Women Cadre, by Wang  
I-lun, 7 pp.

CHINESE, per, Chung-kuo Fu-nu, No 18,  
16 Sep 1960, pp 6, 7.

JPRS 4253

Accelerate the Growth of After-Work Educa-  
tion of Laborers and Peasants, and Develop  
Human Resources for Socialist Construction,  
by Wang I-lun, 12 pp.

CHINESE, per, Fen-tou, No 6, 20 Mar 1960,  
pp 5-11.

JPRS 6488

Atheistic Notions Conveyed in Buddhist  
Scriptures (Jottings Taken in Studying),  
by Chin Hui, 8 pp.

CHINESE, per, Hsien-tai Fo-hsueh, No 5,  
1960, pp 25-27.

JPRS 4240

Changes in the Ti-tsang Nunnery, by Chao  
P'u-ch'u, 6 pp.

CHINESE, per, Hsien-tai Fo-hsueh, No 6,  
1960, pp 32-34.

JPRS 4195

Take Care of Your Body So You Will Be Able  
to Be a Good Construction Worker, by Jung  
Kao-tang, 7 pp.

CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 9.

JPRS 6397

Everyone Loudly Proclaims the Innovation -  
Everyone Studies Theory, by Wang Chuan-  
huang, 5 pp.

CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 13.

JPRS 6397

Far East  
Sociological (Contd)

The Great Victory of the Party Policy  
Regarding Chinese Traditional Medicine,  
by Cheng Men-hsuen, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 14.

JPRS 6397

Problems Regarding the Learning and Recon-  
struction of the Members of the Socialist  
Institute, by Nieh Chen, 10 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 15.

JPRS 6397

Be a New Model Medical Worker, by Fan Ch'uan,  
7 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 16.

JPRS 6397

A Big Leap Forward Has Been Experienced  
in the Development of the Yunnan Province  
Drama, by Chou Hui-mung, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 17.

JPRS 6493

Scientific Workers Must Actively Participate  
in the Technological Revolutionary Movement,  
by Huang Yu-mou, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 17.

JPRS 6493

The Accomplishments at Kwangai University  
Are a Result of the Victory of the General  
Line, by Cheng Chien Hsuen, 5 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 17.

JPRS 6493

Strengthen Ideological Education - Pay  
Attention to the Special Characteristics  
of the Overseas Chinese Students, by Wang  
Yuen, 13 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 18.

JPRS 6493

The Women in the Capital Are Completely  
Liberated and Are Leaping Forward, by  
Chang Hsiao-mei, 10 pp.  
CHINESE, np, Jen-min Jih-pao, 10 Apr 1960,  
p 10.

JPRS 6483

**Far East**  
**Sociological (Contd)**

**Further Organize the City People and Liberate the Housewives, by Chao Tsu-kang, 9 pp.**

**CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 11.**

**JPRS 6483**

**Mass Hydrology Studies Launched, by Chia Lien, 5 pp.**

**CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 15.**

**JPRS 6526**

**Romanization of Chinese Characters Is an Effective Weapon in Cultural Revolution, by Hu Yu-chih, 5 pp.**

**CHINESE, np, Jen-min Jih-pao, 10 Apr 1960, p 15.**

**JPRS 6526**

**The Good Mess Halls Are Extolled By The People, by Ch'en Shao-k'uan, Hung Shun-li, 4 pp.**

**CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 9.**

**JPRS 6491**

**The Correct Road To Cultivate All-Round New Men Is To Unite Education and Productive Labor, by Hsu Shou-hsuan, 10 pp.**

**CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 13.**

**JPRS 6491**

**The Great Victory of the Educational Work of Shanghai, by Ch'en Wang-tao, et al, 5 pp.**

**CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 13.**

**JPRS 6491**

**Scientific Research Work of Schools, A Sector of the Nation's Scientific Undertakings, by Chin Hsi-ju, 5 pp.**

**CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 16.**

**JPRS 6491**

**Scientific Research Work of the Shansi Agricultural College, by Wang Shou, 5 pp.**

**CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 16.**

**JPRS 6491**

Far East  
Sociological (Contd)

Raise the Quality of Teaching and Learning Through Mass Campaigns, by Yueh Hsia-heng, et al, 7 pp.

CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 16.

JPRS 6491

Schools and Factories Cooperate to Promote Technological Innovations, by Ch'en Ta-hsieh, 4 pp.

CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 16.

JPRS 6491

Education and Cultural Activities of Industrial Workers Must Keep Pace With the Great Leap Forward, by Chang Hsiu-chu, 6 pp.

CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 17.

JPRS 6491

Mathematical Education Must Undergo a Revolution, by Chiang Tso-han, 7 pp.

CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 17.

JPRS 6491

A Great Number of Women Participate in the Technological Revolution, by Shen Ts'ui-chen, 7 pp.

CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 18.

JPRS 6491

Great Changes in the Homeland of Overseas Chinese, by Wang Han-chieh, 5 pp.

CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 18.

JPRS 6491

Prepare Well to Receive Newcomers, by Huang Ch'ang-shui, et al, 5 pp.

CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 18.

JPRS 6491

Seeing the Enthusiasm of the Masses Is a Tremendous Education for Us, by Sung Yun-pin, 4 pp.

CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 20.

JPRS 6491

Far East  
Sociological (Contd)

Be An Actor of the Socialist Era, by Yin Hsi, 3 pp.

CHINESE, np, Jen-min Jih-pao, 12 Apr 1960, p 20.

JPRS 6491

General Discussion of the Ideology and Art of "Histories of the Founding of Enterprises," by Li Hsi-fan, 43 pp.

CHINESE, np, Kuang-min Jih-pao, 18 Oct 1960, p 3.

JPRS 7179

Reform of Teaching Methods for Mechanics at Chung-ch'ing University, 4 pp.

CHINESE, np, Kwang-ming Jih-pao, 8 Nov 1960, p 2.

JPRS 7294

I Have Just Returned From Vietnam, by Elie Mignot, 9 pp.

FRENCH, np, L'Humanite, 10 Oct 1960.

JPRS 6423

Revision of the People's Education System in North Korea, by Yi Tong-jun, (SF-1366). JAPANESE, per, Chosen Mondai Kenkyu, Vol IV, No 1, 15 Mar 1960, pp 23-38.

\*JPRS

Han Sol-ya and I, by Yi Ki-yong, 10 pp. KOREAN, per, Choson Munhak, Aug 1960, pp 169-172.

JPRS 5874

Han Sol-ya and His Literature, by Yun Se-p'yong, 28 pp.

KOREAN, per, Choson Munhak, Aug 1960, pp 173-182.

JPRS 5874

The Peoples of Indochina. Population Statistics. Interpretative Report for the Population Map, by S. I. Bruk, (DC-5134). RUSSIAN, monograph, Naseleniye Indokitaya, 27 Aug 1959, pp 3-26.

\*JPRS

Increase the Speed of Socialist Industrialization in North Vietnam, by Le Van, 12 pp. VIETNAMESE, per, Hoc Tap, No 8/9, 1960, pp 35-44.

JPRS 6357

Far East  
Sociological (Contd)

Some Aspects of Vietnamese Representation  
Art, by Phan Ke An, 10 pp.

VIETNAMESE, per, Hoc Tap, No 8/9, 1960,  
pp 154-156.

JPRS 7166

Educational Work in Mountain Areas Is  
Progressing Rapidly, by Le Ba Vinh, 7 pp.

VIETNAMESE, per, Hoc Tap, No 8/9, 1960,  
pp 156-158.

JPRS 7166

Comprehensive College, by Pham Thanh Nguyet,  
4 pp.

VIETNAMESE, np, Khoa Hoc Thuong Thuc, No 21,  
30 Jul 1960, p 5.

JPRS 4304

Polytechnical College, 3 pp.

VIETNAMESE, per, Khoa Hoc Thuong Thuc, No 23,  
30 Aug 1960, p 4.

JPRS 4304

Institute of Hydraulics and Electric Power,  
by Nguyen Minh Sang, 3 pp.

VIETNAMESE, per, Khoa Hoc Thuong Thuc, No 25,  
30 Sep 1960, p 3.

JPRS 4304

A Meeting to Discuss the Improving of the  
Written Language, (SF-1372).

VIETNAMESE, per, Nghien Cuu Van Hoc, No 11,  
1960, pp 97-100.

\*JPRS

WESTERN EUROPE

Economic

The Waterways to Ghent Harbor as Part of the International Network, by M. van Cauwenberge, 19 pp.

FLEMISH, per, Tijdschrift der Openbare Werken van Belgie, No 6, 1959-1960, pp 538, 540, 541, 545, 547-551. Excerpts From pp 525, 529, 530, 533, 536. (Call No TA2, B42, Eng Tr).

AMS

Printing Plant, 9 pp.

FRENCH, per, Institut Geographique Militaire, Brussels, 1958, pp 91-99. (Call No GA912.B48, Eng Tr).

AMS

Office Equipment Service, 3 pp.

FRENCH, per, Institut Geographique Militaire, Brussels, 1958, pp 101, 102. (Call No GA913.B48).

AMS

Antwerp, A Growing Port, 7 pp.

FRENCH, per, Journal de la Marine Marchande et de la Navigation Aerienne, No 2119, 1960, pp 1699-1702. (Call No VK2.J86, Eng Tr).

AMS

Problems Raised in the Production and Export of Fria Alumina, by M. Colot, J. Raiman, 28 pp.

FRENCH, per, Travaux, No 300, Paris, 1959, pp 588-598. (Call No TA2.T77, Eng Tr).

AMS

The Boke Project, 44 pp.

FRENCH, per, Travaux, No 300, Paris, 1959, pp 613-628. (Call No TA2.T77, Eng Tr).

AMS

Annual Report of the Italian Association of Aircraft and Missile Industries, 1959, 8 pp. ITALIAN, rpt, 1959.

AF 1411484

Too Costly a Future?, by Raffaello Uboldi, 9 pp.

ITALIAN, per, Avanti, 24 Jul 1960, p 3.

JPRS 7402



Western Europe  
Economic (Contd)

The Friction Between Technicians and Workers  
Is To the Advantage of the Bureaucratic  
Politicians, by Raffaello Uboldi, 10 pp.  
ITALIAN, per, Avanti, 6 Sep 1960, p 3.

JPRS 7402

Activities of the IGN in 1959 and Work  
Program for 1960, by Ermanno Rossi, 11 pp.  
ITALIAN, per, Bolletino di Geodesia e  
Scienze Affini, Vol XIX, No 2, 1960, pp 181-196.  
(Call No QB275, I89, Eng Tr).

AMS

Opens Miraculous Roads to His Medium, by  
Furio Fasolo, 5 pp.  
ITALIAN, np, La Stampa Sera, 7, 8 Jul 1955,  
p 5.

JPRS 6566

Western Europe  
Political

The New Community Being Built Confronts  
Its Problems, 5 pp.  
FRENCH, rpt, Encl to Serial No 291-60,  
US NA, Paris, 24 Nov 1960.

Navy/ONI 5107446

French Communist Party Organizational  
Balance Sheet for 1960 and Prospects for  
1961, 10 pp.  
FRENCH, np, France Nouvelle, 27 Oct 1960,  
pp 11-13.

JPRS 6553

Peace and Democracy Will Win Only at the  
Price of Sustained Popular Struggle, by  
Maurice Thorez, 15 pp.  
FRENCH, np, L'Humanite, 4 Oct 1960, pp 5, 6.

JPRS 6553

Austrian Communist Editor Discusses Sartre's  
Stand on Marxism, by Franz Marek, (DC-3801/22).  
GERMAN, np, Weg und Ziel, No 11, 1960,  
pp 786-791.

\*JPRS

Revisionism and the Class Problem in the  
Communist Countries, by Francois Fejto,  
19 pp.  
ITALIAN, per, Corrispondenza Socialista,  
No 6/7, Aug/Sep 1960, pp 2-12.

JPRS 6553

Revisionist Khrushchev, by Boris Suvarin,  
7 pp.  
ITALIAN, per, Corrispondenza Socialista,  
No 6/7, Aug/Sep 1960, pp 13-16.

JPRS 6553

Sino-Soviet Policy, by Pierre Herve, 4 pp.  
ITALIAN, per, Corrispondenza Socialista,  
No 6/7, Aug/Sep 1960, pp 47-49.

JPRS 6553

State Capitalism, by Pierre Herve, (DC-3801/22).  
ITALIAN, per, Rinascita, No 9, Nov 1960,  
pp 20-25.

\*JPRS

A Step Backwards, by Roger Hagnauer,  
(DC-3801/22).  
ITALIAN, per, Rinascita, No 9, Nov 1960,  
pp 25-28.

\*JPRS

**Western Europe**  
**Political (Contd)**

The Myth of Russian "Socialism," by Gaston  
Leval, (DC-3801/22).  
ITALIAN, per, Rinascita, No 9, Nov 1960,  
pp 28-30.

\*JPRS

Nenni and the October Revolution, by Paolo  
Spriano, 5 pp.  
ITALIAN, np, L'Unita, 8 Oct 1960, p 3.

JPRS 6553

Address to a Special Session of the National  
Assembly in Answer to the Anti-Colonialist  
Campaign Directed at Portugal in the United  
Nations, by Antonio Oliveira Salazar, 23 pp.  
PORTUGUESE, speech, Encl to Desp No 193,  
AmEmbassy, Lisbon, 2 Dec 1960.

Dept of State  
4465602

The Hegel Question, by Jacob Gorender, 19 pp.  
PORTUGUESE, per, Estudos Sociais, No 8,  
Jul 1960, pp 436-458.

JPRS 6553

Western Imperialists Have No Right to Stay  
in West Berlin, by Le Giang, 7 pp.  
VIETNAMESE, per, Hoc Tap, No 8/9, 1960,  
pp 149-151.

JPRS 7166

Western Europe  
Military

The Documentation Center, 5 pp.  
FRENCH, per, Institut Geographique Militaire,  
Brussels, 1958, pp 89, 90. (Call No GA912.B48,  
Eng Tr).

AMS

The Corp of Engineers in the Offensive Action  
of an Atomic Environment, 9 pp.  
ITALIAN, rpt, 1959-1960.

ID 2155800

Geographic

Preparation of the Field Sheet of the 1:25,000  
Map for Upper and Central Belgium by Stereo-  
Photogrammetric Plotting, 5 pp.  
FRENCH, per, Institut Geographique Militaire,  
Brussels, 1958, pp 55-58. (Call No GA912.B48,  
Eng Tr).

AMS

Fishing Grounds in the Franco-British Sector  
of the Atlantic, by Letoux, 5 pp.  
FRENCH, per, La Peche Maritime, Vol XXXIX,  
No 998, Jul 1960, pp 389-393.

JPRS 6343

Antwerp, 4 pp.  
GERMAN, per, Leventina, Vol XIV, No 4, 1960,  
Basel 2 - Schweizerische Reederei A. G.,  
Informationsdienst Alptrans, pp 11-13. (Call  
No HE381, A2 341, Eng Tr).

AMS

Sociological

"World Conference of Teachers" or, Trade-  
Unionism in the Service of Soviet Policy,  
9 pp.  
FRENCH, per, Les Etudes Sociales et  
Syndicales, No 63, Oct 1960, pp 3-7.

JPRS 6401

Police Methods of Identification by Means  
of Physical Characteristics, by Pedro  
Serrano Garcia, 24 pp.  
SPANISH, brochure, Metodos de Identificacion,  
pp 33-54.

JPRS 6344

## LATIN AMERICA

### Economic

Lower Congo Bauxites, by F. van der Linden,  
4 pp.

FRENCH, per, Belgique d'Outremer, No 301,  
1960, pp 214, 215. (Call No DT641.R45,  
Eng Tr).

AMS

Access of Large Oil Tankers to the Harbors  
of Rio de la Plata, by Ernesto R. Peraud.  
SPANISH, per, Puertos Argentinos, No 7,  
1959, pp 26-33.

Navy 2694/ONI 794

### Political

The Havana Declaration, Banner of the  
Struggle of the People of Latin America,  
6 pp.

CHINESE, np, Ta-kung Pao, 6 Sep 1960,  
pp 1, 4.

JPRS 4247

The National Liberation Movement in Latin  
America in the Present-Day Stage (Six  
Articles), by M. Grechev, A. Kalinin, A.  
Shul'govskiy, 41 pp.

RUSSIAN, per, Mirovaya Ekon i Mezhdunarodnyye  
Otnosheniya, No 10, 1960, pp 74-94.

ACSI H-7858  
ID 2152392

Gene Cheng Loh of Nationalist China Visits  
Montevideo, Uruguay, 3 pp.

SPANISH, per, El Dia, 1 Nov (?).

JPRS 6385

Selected Translations on International  
Communist Developments, by Blas Roca,  
87 pp.

SPANISH, per, Hoy Domingo, No 18, 21 Aug 1960,  
pp 1-28.

JPRS 6405

Selected Articles From Argentine Youth Publi-  
cations, 8 pp.

SPANISH, per, Latinoamerica, Vol I, No 1,  
Sep 1960.

JPRS 6429

The Righteous Struggle of the Cuban and  
Congolese People Will Undoubtedly Be  
Victorious, by Ho Nam, 12 pp.

VIETNAMESE, per, Hoc Tap, No 8/9, 1960,  
pp 145-149.

JPRS 7166

Latin America  
Military

Clothing and Equipment Regulation, 82 pp.  
SPANISH, rpt, Reglamento de Vestuario y  
Equipo Para Oficiales, 1949, Encl 1 to  
R-71-60.

ACSI, H-7529  
ID 2147694

NORTH AMERICA

Economic

The Fact and Fiction of Urbanization in  
America, by Miodrag Zika Avramovic, 24 pp.  
CROATIAN, per, Nasa Stvarnost, No 7/8,  
1960, pp 60-63.

JPRS 6537

SCIENTIFIC

Aeronautics

The Development of Aerology in Hungary and  
the Gyorgy Marczell Aerological Observatory,  
by Bela Bell, 13 pp.

HUNGARIAN, per, Fizikai Szemle, Vol X, No 6,  
1960, pp 184-189.

JPRS 6317



**Scientific  
Astronomy**

Major Recent Achievements in Meteoritics,  
by V. G. Fesenkov, (SF-1381).  
RUSSIAN, per, Meteoritika, No 18, 1960,  
pp 5-16.

\*JPRS

Recombination in Very Rarified Plasma of  
the Ionosphere, by J. Taubenheim.  
GERMAN, rpt, Rekombination in Sehr Verdunnten  
Plasma Der Ionosphere, 1958.

\*ACSI H-7953  
ID 2152393

Scientific  
Biology

Fundamentals of the Evolutionary Process  
in the Light of Cybernetics, by I. I.  
Shmal'gauzen, 51 pp.  
RUSSIAN, bk, Problemy Kibernetiki, No 4,  
1960, pp 121-149.

JPRS 7403

Types of Controlling Biological Systems  
and Their Adaptive Significance, by A. A.  
Malinovskiy (Odessa), 56 pp.  
RUSSIAN, bk, Problemy Kibernetiki, No 4,  
1960, pp 151-181.

JPRS 7403

Ultrasound in Biology, by Isaak Yefimovich  
El'piner, 76 pp.  
RUSSIAN, bk, Ul'trazvuk v Biologii, 1960,  
pp 1-40.

JPRS 7514

Pests and Diseases of Vegetable Crops, by  
B. A. Gerasimov, E. A. Osnitskaya, 97 pp.  
RUSSIAN, bk, Vrediteli i Bolezni Ovoshchnykh  
Kul'tur, No 15, 1957, pp 1-156.

OTS 60-21165  
PL 480

Bloom on the Ucha Reservoir, by K. A. Guseva.  
RUSSIAN, per, Byul Moskov Obshch Ispytat  
Prirody, Otdel Biol, Vol XLVIII, No 4, 1939,  
pp 30-32.

NRCC TT-879

Activities of the Aral Department MOIP, by  
S. N. Barshavskiy, E. V. Rothshil'd.  
RUSSIAN, per, Byul Moskov Obshch Ispytat  
Prirody, Otdel Biol, No 5, 1960, pp 125-127.

\*USDA

The Plenum on the Question of Using Anti-  
biotics in Animal Husbandry, by A. Val'dman,  
6 pp.  
RUSSIAN, per, Iz Ak Nauk Latvyskoy SSR,  
No 6, (155), 1960, pp 199-202.

JPRS 6502

The Hydrobiology and Microbiology of the  
Ucha Reservoir of the Moscow-Volga Canal.  
II, by K. A. Guseva.  
RUSSIAN, per, Mikrobiologiya, Vol VI, No 4,  
1937, pp 449-464.

NRCC TT-877

**Scientific  
Biology (Contd)**

Hydrobiological Productivity and the Forecast of Bloom on Water Reservoirs, by K. A. Guseva.

RUSSIAN, per, Mikrobiologiya, Vol VII, No 3, 1938, pp 303-314.

NRCC TT-878

Ultrasound in the Life of Animals, by Yu. M. Zalesskiy, 12 pp.

RUSSIAN, per, Priroda, Vol XLIX, No 8, 1960, pp 91-93.

JPRS 7350

Introduction: Birdbanding in the USSR, by V. F. Ryabov, 8 pp.

RUSSIAN, per, Trudy Byuro Kol'tsevaniya, Vol VIII, 1955, pp 5-10, 3, 4.

OTS 60-21160  
PL 480

Problems Encountered in the Study of the Seasonal Migration of Birds, by Yu. A. Isakov, 10 pp.

RUSSIAN, per, Trudy Byuro Kol'tsevaniya, Vol VIII, 1955, pp 11-21.

OTS 60-21160  
PL 480

Investigation of Gastrolithes as a Method of Studying Seasonal Migrations, by Yu. A. Isakov, 5 pp.

RUSSIAN, per, Trudy Byuro Kol'tsevaniya, Vol VIII, 1955, pp 179-184.

OTS 60-21160  
PL 480

The Problem of Predicting the Appearance of Pests and Diseases of Agricultural Plants, by I. Ya. Polyakov, 21 pp.

RUSSIAN, per, Trudy Vses Inst Zast Rast, No 12, 1958, pp 203-219.

JPRS 4297

Present State of Knowledge of Plant Respiration, by B. A. Rubin, (SF-1440).

RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960, pp 51-60.

\*JPRS

Investigation of the Flora and Fauna of the Carpathians, by A. P. Markevich, (SF-1440).

RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960, pp 128-131.

\*JPRS

Scientific  
Biology (Contd)

Survey of New Alkaloid-Bearing Plants in  
the Flora of Tien-Shan, by I. A. Gubanov.  
RUSSIAN, per, Vest Moskov Univ, Ser Biol,  
Pochvoved Geol i Geograf, No 2, 1959, pp 31-38.

NRCC TT-892

At the Section of Agricultural Entomology of  
the IV Congress of the All-Union Entomological  
Society, by V. V. Yakhontov, (SF-1434).  
RUSSIAN, per, Zashchita Rasteniy ot Vreditel'ey  
i Rasteniy, Vol V, No 7, 1960, pp 55-59.

\*JPRS

Experimental Model of the Pulverizing Phase of  
Bacterial Aerosol, by V. V. Vlodavetz.  
RUSSIAN, per, Zhur Mikrobiol, Epidemiol i  
Immunobiol, No 10, 1960, pp 56-62.

\*USDA

Sanitary Protection of the Borders and the  
Present International Epidemiological Situa-  
tion, by I. M. Pypina.  
RUSSIAN, per, Zhur Mikrobiol, Epidemiol i  
Immunobiol, No 10, 1960, pp 89-94.

\*USDA

Population Dynamics of *Diaptomus Salinus*  
Daday in the Aral Sea, by N. K. Lukonina,  
30 pp.  
RUSSIAN, per, Zool Zhur, Vol XXXIX, No 2,  
1960, pp 176-187.

JPRS 7297

Some Problems of Photostage Development,  
by Wu Lan-p'ei, (NY-5718).  
CHINESE, per, Nung-yeh Hsueh-pao, Vol X,  
No 3, Jun 1959, pp 139-162.

\*JPRS

Observations on Variance in the Progeny of  
Immature Seed Corn, by Ti Ch'ing-han, (NY-5718).  
CHINESE, per, Nung-yeh Hsueh-pao, Vol X,  
No 3, Jun 1959, pp 165-175.

\*JPRS

Preliminary Report on the Photostage Develop-  
ment of Sesamum, by Fu Chia-jui, (NY-5718).  
CHINESE, per, Nung-yeh Hsueh-pao, Vol X,  
No 3, Jun 1959, pp 177-186.

\*JPRS

**Scientific  
Biology (Contd)**

**Summing-Up Methods of Observation and Computation Employed for a Bumper Rice Harvest, (NY-5718).**

**CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 3, Jun 1959, pp 189-196.**

**\*JPRS**

**Soybean Ecotypes Based on Pod-Bearing Characteristics and Their Importance in Variety Work, by Kuo Shih-ch'ang, (NY-5718).**

**CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 3, Jun 1959, pp 197-203.**

**\*JPRS**

**Report on the Study of the Horizontal Setting of Sweet Potato Cuttings as a High Yield Technique, by Yeh Hsiao-hsia, Chu Sung-shou, (NY-5718).**

**CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 3, Jun 1959, pp 204-210.**

**\*JPRS**

**Controlled Experiments on the Effectiveness of the Horizontal Planting Method for High Yield of Sweet Potatoes, by Liu T'ien-ho, (NY-5718).**

**CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 3, Jun 1959, pp 211-214.**

**\*JPRS**

**Research Report on the Rural Sericultural Use of Antibiotics as Supplemental Feed to Increase Vitality of Silkworms, by Sun Ch'eng-hsien, (NY-5718).**

**CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 3, Jun 1959, pp 215-219.**

**\*JPRS**

**Studies on the Selection of Late Rice Varieties Which Yield Two Crops Annually With Their Sowing Dates and Seedling Ages, by Yang K'ai-chu, (NY-5686).**

**CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 4, Aug 1959, pp 221-242.**

**\*JPRS**

**A Study on Interspecific Hybridization Rice Subspecies, *Oryza Savita* Hsien and Keng, by Yang Shou-jen, Chao Chi-shu, (NY-5686).**

**CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 4, Aug 1959, pp 256-267.**

**\*JPRS**

Scientific  
Biology (Contd)

~~The Effect of Light Intensity on Flower Bud Formation, Blooming, and Boll-Dropping of Cotton Plants, by Kuo Hsing-hsien, (NY-5686).~~  
CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 4, Aug 1959, pp 269-281.

\*JPRS

Observations on the Growth Curves of Spring and Summer Corn in the Peiping Area, by Cheng P'ei-yao, (NY-5686).  
CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 4, Aug 1959, pp 283-293.

\*JPRS

Studies on the Use of Antibiotic 1013 to Control Diseases and Stimulate Growth of Plants, by Liu Shou-ch'u, (NY-5686).  
CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 4, Aug 1959, pp 296-302.

\*JPRS

A Preliminary Study on Crop Disease Control With Antibiotic Fertilizers, by T'an Sung-shan, (NY-5686).  
CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 4, Aug 1959, pp 304-310.

\*JPRS

A Preliminary Study on the Lodging of Paddy Rice, by Yang Hao-feng, Sha K'ang-fa (NY-5686).  
CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 4, Aug 1959, pp 312-316.

\*JPRS

The Adaptability of the "Ta-hung-pao" Rice Strain to Northern Shensi and Prospects for Its Promotion, by Liang Hung-ju, Liang K'ai-sheng, (NY-5686).  
CHINESE, per, Nung-yeh Hsueh-pao, Vol X, No 4, Aug 1959, pp 318-326.

\*JPRS

Studies on the Close Planting of Corn, by Fan Fu-jen, (NY-5713).  
CHINESE, per, Nung-yeh Hsueh-pao, Vol XI, No 2, 28 May 1960, pp 109-136.

\*JPRS

Studies on Reasonable Close Planting of Medium Maturing Rice Varieties of Oryza Savita Subspecies Keng, by Li Hsieh-p'ing, Ko Mei-fen, (NY-5713).  
CHINESE, per, Nung-yeh Hsueh-pao, Vol XI, No 2, 28 May 1960, pp 140-163.

\*JPRS

Scientific  
Biology (Contd)

Preliminary Report on the Earing, Flowering Time, and Seed-Setting Rates of Late Maturing Rice Varieties Which Yield Two Crops Annually, by Yang K'ai-chu, (NY-5713).

CHINESE, per, Nung-yeh Hsueh-pao, Vol XI, No 2, 28 May 1960, pp 164-177.

\*JPRS

A Preliminary Study of Rice Varieties With Respect to Sensitivity to Length of Day and Temperature, by Jung Shan, (NY-5713).

CHINESE, per, Nung-yeh Hsueh-pao, Vol XI, No 2, 28 May 1960, pp 179-197.

\*JPRS

A Study on Terraces, by Fang Cheng-san, (NY-5713).

CHINESE, per, Nung-yeh Hsueh-pao, Vol XI, No 2, 28 May 1960, pp 199-213.

\*JPRS

A Study on Machine Transplantation of Young Rice Plants With Respect to the Physical Effects Produced on the Plants, by Li Jui-ch'uan, (NY-5713).

CHINESE, per, Nung-yeh Hsueh-pao, Vol XI, No 2, 28 May 1960, pp 214-223.

\*JPRS

The Developmental Potentialities of the Blastomere Layers in Amphioxus Egg at the 32-Cell Stage, by T'ung Ti-chou, (NY-5210).

CHINESE, per, Shih-yeh Sheng-wu Hsueh-pao, Vol VI, No 3, Dec 1959, pp 191-208.

\*JPRS

The Effect of Gibberellic Acid on the Growth of the Broad Bean, *Vicia Faba*, (DC-5210).

CHINESE, per, Shih-yen Sheng-wu Hsueh-pao, Vol VI, No 3, Dec 1959, pp 211-216.

\*JPRS

Community Structure and Light Utilization of Rice Field, by Yin Hung-chang, (DC-5210).

CHINESE, per, Shih-yen Sheng-wu Hsueh-pao, Vol VI, No 3, Dec 1959, pp 243-260.

\*JPRS

Scientific  
Biology (Contd)

Biological Decay of Technical Materials, by  
H. J. Hueck.

GERMAN, per, T. N. O. Nieuws, Vol CL,  
1958, pp 398-405.

\*ABC

Studies on the Echinococcus Multilocularis  
of South Germany, by H. Vogel.

GERMAN, per, Z Tropenmed und Parasitol,  
Vol VIII, No 3, 1957, pp 404-456.

NRCC-TT-858

Parasitic Cultivation of Ergot.

JAPANESE, per, Igaku no Ayumi, 1947,  
pp 1-22.

USACRAPAC, PD  
Tr No 102727

Geographic Features of the Darkhat Area  
"Characteristics of the Darkhat White Fish,"  
5 pp.

MONGOLIAN, monograph, Oyuutan Nariin Erdem  
Shinjiilgeenii Buteel, Vol XV, No 3, 1957,  
pp 4-7.

JPRS 6535

Edible Fish in Lake Buir, by Ya. Tsend-Ayush,  
5 pp.

MONGOLIAN, monograph, Oyuutan Nariin Erdem  
Shinjiilgeenii Buteel, Vol XV, No 3, 1957,  
pp 8-10.

JPRS 6535



Scientific  
Chemistry

Silicon and Its Binary Systems, by A. S. Berezhnoy, 275 pp.  
RUSSIAN, bk, 1958.

CB

On Transformations of Butadiene Styrene Rubbers Containing Carboxyl and of Their Mixtures With Caprolactam Under the Action of  $\gamma$  Rays, by I. Mladenov, I. A. Tutorskiy. RUSSIAN, Symposium on High Polymers, Vol III, pp 293-300.

\*AERE, Harwell

Introduction to Crystal Chemistry, by G. B. Bokiy, 537 pp.  
RUSSIAN, bk, Vvedenie v Kristallokhimiyu, Part I, II, 1954.

AEC Tr-4138

A New Source of Galenical Preparations Containing Alkaloids of the Tropane Group, by Ye. S. Gritsayeva, A. S. Prozorovskiy, 8 pp.  
RUSSIAN, per, Aptechnoye Delo, Vol IX, No 5, 1960, pp 6-8.

JPRS 7351

Effect of Carotene on the Photochemical Properties of Chlorophyll, by A. A. Krasnovskiy, N. N. Drozdova, E. V. Pakshina, 26 pp.  
RUSSIAN, per, Biokhim, Vol XXV, 1960, pp 288-295.

AEC UCRL Trans 562

Types of Kinetic Curves of Chain Reactions. II. Calculating the Interaction of Active Particles, by N. N. Semenov, 12 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIV, No 2, 1944, pp 68-73.

JPRS 7509

Types of Kinetic Curves of Chain Reactions, III. Calculating the Cleavage of Chains on the Walls of a Container Using the Oxidation of Hydrogen as an Example, by N. N. Semenov, 10 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIV, No 6, 1944, pp 265-269.

JPRS 7510

Scientific  
Chemistry (Contd)

Explosive Properties of 'Gasless'  
Systems, by A. F. Beiyayev,  
A. B. Nalbandyan, 9 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR,  
Vol XLVI, No 3, 1945, pp 113-116.

JPRS 7522

Disturbance of the Ignition Limits of  
Carbon Monoxide With Small Additions  
of Hydrogen, by V. N. Kondrat'yev,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR,  
Vol XLIX, No 1, 1945, pp 38-40.

JPRS 7563

Some Properties of Coals Dangerous  
Because of Sudden Blowouts, by N. G.  
Titov, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol  
CI, No 2, 1955, pp 327-329.

US Geol Survey  
Denver, Colo

The Step-Like Motion of Dislocations  
in  $\text{NaCl}$  Crystals, by V. N. Rozhanski,  
V. M. Stepanova.

RUSSIAN, per, Dok Ak Nauk SSSR,  
Vol CXXXIII, No 4, 1960, pp 804-806.

Navy 2702/NRL 825

An Investigation of Compression Waves  
Formed During the Burning of Gaseous  
Mixtures, by S. M. Kogarko, S. S.  
Novikov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR,  
Vol CXXXIV, No 1, 1960, pp 125-127.

JPRS 7335

Study of Vapor Adsorption on Adsorbents  
Having Nonhomogeneous Surface, Report 3.  
Analysis of the Experimental Data for  
the Silica Gels Having Chemically Modified  
Surface, by M. M. Dubinin, (NY-5695).  
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel  
Khim Nauk, No 10, 1960, pp 1739-1750.

\*JPRS

The Reaction of Dissociated  $\text{H}_2\text{O}_2$  and  
 $\text{H}_2\text{O}$  Vapours at  $-196^\circ\text{C}$ , by A. I.  
Gorbanev, et al.

RUSSIAN, per, Iz Sibir Otdel Ak Nauk  
SSSR, No 5, 1958, pp 43-52.

NRCC-TT-861

Scientific  
Chemistry (Contd)

Kinetics and Mechanism of Reduction  
of Iron Oxide by Carbon, by V. K.  
Simonov, S. T. Rostovtsev.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Chern Metal, No 4, 1960, pp 5-18.

\*BISI 2003

On the Question of Distribution of  
Impurities in Crystals of the Alkali  
Halide Salts, by I. Ya. Melik-Gaikazyan,  
E. K. Zavadovskaya, M. N. Treskina.  
RUSSIAN, per, Kristallografiya, Vol V,  
No 3, 1960, pp 477, 478.

Navy 2701/NRL 824

The Vibration Method of Deformation,  
by M. Ya. Karnov, A. Avoronin.  
RUSSIAN, per, Kuznechnye Shtampovo-  
chnoye Proiz, No 3, 1960, pp 2-8.

\*BISI 1987

Another Note on the Deoxidation of Steel  
With Aluminum, by G. S. Ovsyuk.  
RUSSIAN, per, Lit Proiz, No 6, 1960,  
pp 47, 48.

HB 5024

Non-Metallic Coatings for Protection of  
Tanks of Oil-Carrying Vessels Against  
Corrosion, by V. A. Bershtein, B. L.  
Krasil'shchikova.  
RUSSIAN, per, Sudostroenie, No 3 (197),  
1959, pp 38-42.

Navy 2700/NRL 823

The Hall Effect in Ferromagnetics, by  
V. A. Lipatova.  
RUSSIAN, per, Trudy Ural'skogo Politekh  
Inst imena Kirova, SSSR, 1957, pp 21-34.

Navy 2698/NRL 816

Cyclopentadienyl Compounds of Metals and  
Related Compounds, by A. N. Nesmeyanov,  
E. G. Perevalova.  
RUSSIAN, per, Uspekhi Khim, Vol XXVII, No 1,  
1958, pp 3-56.

RAE 872

The Biochemical Principles of the Preservation  
of Vegetables and Fruits, by B. A. Rubin.  
RUSSIAN, per, Vest Ak Nauk SSSR, No 12, 1954,  
pp 48-56.

\*AERE, Harwell

Scientific  
Chemistry (Contd)

Duel Reactivity and Tautomerism,  
by M. I. Kabachnik, (NY-5694).  
RUSSIAN, per, Vest Ak Nauk SSSR,  
Vol XXX, No 6, 1960, pp 52-60.

\*JPRS

The Rare-Earth Metals and Prospects of  
Their Industrial Use, by Ye. M. Savitskiy,  
(NY-5694).  
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXX,  
No 6, 1960, pp 81-88.

\*JPRS

Scientific Problems of Polymer Stabili-  
zation, by M. B. Neyman, A. S. Kuz'min-  
skiy, L. G. Angert, (SF-1440).  
RUSSIAN, per, Vest Ak Nauk SSSR, No 11,  
1960, pp 36-50.

\*JPRS

Surface-Active Substances From Petroleum  
Distillates, by A. Ya. Lapin, (SF-1440).  
RUSSIAN, per, Vest Ak Nauk SSSR, No 11,  
1960, pp 78-84.

\*JPRS

Some Properties of the  $\text{Li}_2\text{O} \cdot \text{Fe}_2\text{O}_3$ , by  
N. A. Smol'kov, V. M. Grekov.  
RUSSIAN, per, Vest Moskov Univ, Ser Matem,  
Mekh, Astron, Fiz i Khim, No 6, 1959,  
pp 137-141.

\*NRL

The Composition of Thermal Decomposition  
Products of Unsaturated Hydrocarbons, by  
V. V. Voyevodskiy.  
RUSSIAN, per, Voprosy Khim Kinetiki Kataliza  
i Reaktsionnoi Sposobnosti, Ak Nauk SSSR,  
Moscow, 1955, pp 150-164.

NRCC TT-821

Dynamic Properties of Viscoelastic Materials  
During Anharmonic Loading, by L. S. Priss.  
RUSSIAN, per, Vysokomolekulyarnyye Soyedin-  
eniya, No 9, 1960, pp 1309-1319.

\*ATIC MCL 820/1

Scientific  
Chemistry (Contd)

Kinetics and Mechanism of Hydrocarbon Decomposition. XIII.

Kinetics of the Propylene Inhibited Cracking of Butane, by A. D. Stepukhovich, B. I. Birger.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 1, 1959, pp 8-14.

NRCC TT-888

Physical Properties of Salt Melts and the Nature of Their Structural Particles, by N. P. Luzhnaya, N. M. Evseyeva, I. P. Vereshchetina.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 7, 1956, pp 1490-1500.

RAE 887

Fusibility in a Ternary System of Nitrates and Nitrates of Potassium and Barium, by P. I. Protsenko, A. Ya. Malakhova.

RUSSIAN, per, Zhur Neorgan Khim, Vol II, No 9, 1957, pp 2145-2153.

RAE-888

Extraction of 3- and 5- Valent Antimony by Oxygen-Containing Solvents. 1. Extraction From a Hydrochloric medium, by D. I. Ryabchikov, M. M. Privalova.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 7, 1958, pp 1694-1702.

\*AEC

Synthesis of Higher Fluorides of Niobium, Tantalum and Molybdenum With the Aid of Chlorine Trifluoride, by N. S. Nikolayev, Yu. A. Buslayev, A. A. Opalovskiy, 5 pp. RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 8, 1958, pp 1731-1733. 9659148

ATIC MCL-151/1

Study of Chloride Complexes of Rhodium by Electrophoresis and Chromatography on Paper and by Ion Exchange Chromatography, by M. Lederer.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 8, 1958, pp 1799-1803.

\*AEC

Scientific  
Chemistry (Contd)

Rate of Absorption of Carbon Dioxide  
by Hydroxide, by M. E. Pozin.  
RUSSIAN, per, Zhur Prik Khim, Vol XXI,  
No 11, 1948, pp 1184-1185.

National Coal Bd  
Tr A 1181/NWR  
US Bur of Mines  
Pittsburgh, Pa.

Preparation of Calcium Carbide, by A. S.  
Mikulinskiy, F. S. Maron.  
RUSSIAN, per, Zhur Prik Khim, Vol XXXIII,  
1960, pp 835-841.

\*AEC

Tasks of the All-Union Chemical Society  
imeni D. I. Mendeleev in Fulfilling the  
Decisions of July (1960) Plenum of Central  
Committee of the Communist Party of the  
Soviet Union, by I. P. Losev, (SF-1412).  
RUSSIAN, per, Zhur Vses Khim Obshch imeni  
D. I. Mendeleeva, Vol V, No 5, 1960,  
pp 1-7.

\*JPRS

Experiences in Experimental Production of  
Buna Rubber in the Tsingtao Chemical  
Industry Factory, by Ts'ai Po-fu.,  
(DC-5186).  
CHINESE, per, Hua-hsueh Kung-yeh, No 4,  
21 Feb 1960, pp 9-13.

\*JPRS

Brief Introduction to Plans for Annual  
Production of 50 Tons of Buna Rubber, by  
Ho Ch'ing-o, (DC-5186).  
CHINESE, per, Hua-hsueh Kung-yeh, No 4,  
21 Feb 1960, pp 14-19.

\*JPRS

Synthesis of Cinchophen, by Lo Shih-chieh,  
(NY-5717).  
CHINESE, per, Yao-hsueh Hsueh-pao, Vol VIII,  
No 1, 1960, pp 15-18.

\*JPRS

A Pharmacognostical Study of Chenopodium  
Abrosioides L., by Chou Tzu-ching, (NY-5717).  
CHINESE, per, Yao-hsueh Hsueh-pao, Vol  
VIII, No 1, 1960, pp 19-33.

\*JPRS

Scientific  
Chemistry (Contd)

Chloramphenicol, II. Synthesis of  
Alpha-Bromo-para Nitroacetophenone,  
by Chou Pang-chi, (NY-5717).

CHINESE, per, Yao-hsueh Hsueh-pao,  
Vol VIII, No 1, 1960, pp 43-46.

\*JPRS

The Preparation of Beta-Aryloxyethyl-  
trialkylammonium Salts, by Ch'en Chi-  
hao, (NY-5717).

CHINESE, per, Yao-hsueh Hsueh-pao,  
Vol VIII, No 1, 1960, pp 53-56.

\*JPRS

Complexometric Titration in Analysis of  
Organic Pharmaceuticals, III. The Assay  
of Atebrine and Atebrine Preparations,  
by Chou Yuan-yao, et al, (DC-5187).

CHINESE, per, Yao-hsueh Hsueh-pao,  
Vol VIII, No 2, 1960, pp 61-64.

\*JPRS

Studies on Steroid Sapogenins Found in Some  
Chinese Plants, by Wu Chao-hua, (DC-5187).

CHINESE, per, Yao-hsueh Hsueh-pao, Vol  
VIII, No 2, 1960, pp 66-69.

\*JPRS

Pharmacognostical Studies of the Chinese  
Drugs, "Pai-ch'ien" and "Pai-wei", Part II.  
Macroscopic and Microscopic Structures,  
by Liu Mei-lan, (DC-5187).

CHINESE, per, Yao-hsueh Hsueh-pao, Vol  
VIII, No 2, 1960, pp 72-87.

\*JPRS

Studies on Antibilharzial Drugs. XXIII.  
Drug Effects on Alimentary Absorption of  
Sb and the Absorbefacient Effect of BAL-  
Glucoside, by Shen Mei-ling, et al,  
(DC-5187).

CHINESE, per, Yao-hsueh Hsueh-pao, Vol  
VIII, No 2, 1960, pp 95-103.

\*JPRS

Simple Method for the Synthesis of Di-  
Phenylacetic Acid, by Hsu Mou-li, (DC-5187).

CHINESE, per, Yao-hsueh Hsueh-pao, Vol  
VIII, No 2, 1960, pp 105-108.

\*JPRS

Scientific  
Chemistry (Contd)

Photometric Determination of Traces  
of Carbon Dioxide in Gases, by  
J. Juranek.

CZECH, per, Chemicke Listy, Vol LI,  
No 4, 1957, pp 716-721.

NRCC TT-847

The Determination of Radiostrontium in  
Urine, by V. Zboril, Il Sebestian,  
T. Trnovec, K. Kurcek, 4 pp.  
CZECH, per, Chem Zvesti, Vol XIV,  
No 2, 1960, pp 91-94.

AEC Tr-4222

The Problem of Intergranular Corrosion  
of Austenitic 24CR-19Ni Steels, by  
V. Cihal, et al.  
CZECH, per, Hutnicke Listy, Vol XV,  
No 7, 1960, pp 518-524.

MT 137

Synthetic Piezoelectric Materials, by  
Rudolph Svoboda, Jan Tichy, 18 pp.  
CZECH, per, Slaboprudy Obzor, Vol XXI,  
No 2, 1960, pp 66-72.

USASIA H-6639

Oxidation of Hard Coals, by M. F. Kessler.  
CZECH, per, Uhli, No 10, 1955, pp 342-347.

National Coal Bd Tr 1094  
US Bur of Mines  
Pittsburgh, Pa.

New Concepts of the Molecular Structure of  
Coal, by M. F. Kessler.  
CZECH, per, Uhli, Vol VI, No 11, 1960,  
pp 376-380.

National Coal Bd Tr 1317  
US Bur of Mines  
Pittsburgh, Pa.

Metallurgical Application of Powders in  
Reducing Halogen Atmosphere at the  
Equilibrium; V. Obtaining Plastic Chromium  
Powder and Fritting Chromium in a Halogen  
Atmosphere, by Ph. Galmiche, A. Hivert.  
FRENCH, rpt, 1959.

Dept of Interior  
TN7 E57 No 260

L-Ascorbic Acid (Vitamin C) as a Reagent,  
by V. Lucas.  
FRENCH, per, Annales de la Real Academia  
de Farmacia, Vol XVII, 1951, pp 139-142.

\*AEC



Scientific  
Chemistry (Contd)

A Mass Spectrometer Study of Ion  
Emission From the Aluminum Silicates,  
by J. Beaussier, G. Couchet, 4 pp.  
FRENCH, per, Comptes Rendus, Vol  
CCXXXVI, 1953, pp 1417-1419.

AEC UCRL-Trans-583(L)

Source of Doubly Ionized Helium Ions,  
by R. Geller, F. Prevot, 3 pp.  
FRENCH, per, Comptes Rendus, Vol  
CCXXXVIII, 1954, pp 1578-1580.

AEC UCRL-Trans-576(L)

Precipitation of Helium in Neutron  
Irradiated Glucine, by Henri  
Frisby, Auguste Bisson, Roger  
Caillat, 5 pp.  
FRENCH, per, Comptes Rendus, Vol  
CCXLVIII, 1959, pp 672, 673.

AEC Tr-4221

Germanium, by J. P. Delbeke.  
FRENCH, per, L'Industrie, No 4, 1959,  
pp 234-247.

Dept of Interior  
TN7 E57 No 252

Valence Bonds in Some Binary Compounds,  
by R. Benoit.  
FRENCH, per, J. Chimie Physique, Vol  
LII, 1955, pp 201-206.

\*AEC

Diffusion in Tungsten With Low Iron  
Content, by J. A. M. Van Liempt, 17 pp.  
FRENCH, per, Rec Trav Chim, Vol LXIV,  
1945, pp 239-249.

AEC Tr-4224

Contribution to the Study of Diffusion  
and Location of Hydrogen in an Extra  
Mild Steel, by J. Plusquellec.  
FRENCH, per, Revue Metallurgie Memoires  
Sci, Mar 1960, pp 215-231; Apr 1960,  
pp 265-277.

BISI 1786

Application of a Practical Method for  
Measuring the Diffusion of Hydrogen  
Through Mill Steel Sheet, by P. E.  
Lagasse, L. Lilet.  
FRENCH, per, Revue Metallurgie Memoires  
Sci, Oct 1960, pp 729-740.

\*BISI 2007

Scientific  
Chemistry (Contd)

Modes of Vibration of Cylindrical  
Disks of Marium Titanate Ceramic,  
by G. Schmidt, L. Kutschabsky.  
GERMAN, per, Acustica, Vol X, 1960,  
pp 30-34.

Navy 2697/USRL 12

The Peroxides of Ether, the Carbonyl  
Compounds and the Ozonides, by A. Rieche.  
GERMAN, per, Angewandte Chemie, Vol LXX,  
No 9, 1958, pp 251-266.

NRCC TT-832

Influence of Carbon and Oxygen on the  
Behaviour of Some Accompanying Elements  
in Iron Melts Under High Vacuum, by  
W. A. Fischer, A. Hoffmann.  
GERMAN, per, Archiv Eisenhüttenwesen,  
Jul 1960, pp 411-417.

BISI 1906

The Effect of Synthetic Detergents and  
Complex-Forming Agents on the Decontamination  
of Radioactive Effluent by Means of the Chemical  
Precipitation Method, by S. Krawczynski.  
GERMAN, per, Atompraxis, Vol VI, 1960,  
pp 320-322.

\*AERE, Harwell

Radioactivity and Drinking Water Supplies:  
Unsolved Legal Questions, by H. Fischerhof,  
12 pp.  
GERMAN, per, Atomwirtschaft, Vol III,  
1958, pp 379-383.

AEC IG-Inf-Ser-2

Recent Progress of Pressure Hydrogenation-  
Dehydrogenation (D-H-D) and of Aromatized  
Cracking, by Richard Birthler.  
GERMAN, per, Die Bergakademie Freiberg  
Forsch A. Bergbau, No 17, 1953, pp 29-37.

Dept of Interior  
TN7 E57 No 250

Active Coke-Breeze: Its Production and  
Suitability for the Absorption of Hydro-  
carbons and the Fine Cleaning of Coal Gas.  
Laboratory Tests: II - Temperature - Time  
Tests, by W. H. Spichal.  
GERMAN, per, Brennstoff-Chemie, Vol XLI,  
No 4, 1960, pp 113-119.

BISI 1868

Scientific  
Chemistry (Contd)

Oxygen Radicals. III. Another Stable Oxygen Radical, 4-Meth-Oxy-2, 6-di-tert.-Butylphenoxy-(1), by E. Muller, K. Ley.

GERMAN, per, Chem Ber, Vol LXXXVIII, No 5, 1955, pp 601-614.

NRCC TT-860

Oxygen Radicals. IX. The Dimerizing Dehydrogenation of Phenols by Means of 2,4,6-tri-tert.-butylphenoxy-(1), by K. Ley, E. Muller, R. Mayer, K. Scheffler.

GERMAN, per, Chem. Ber, Vol XCI, 1958, pp 2670-2681.

NRCC TT-852

Oxygen Radicals. X. Electron Paramagnetic Resonance (EPR) Investigations of Oxygen Radicals, by E. Muller, K. Ley, K. Scheffler, R. Mayer.

GERMAN, per, Chem. Ber, Vol XCI, 1958, pp 2682-2692.

NRCC TT-853

Effect of Textile Assistants on the Dirt Absorption of Textiles From Perlon Fibres, I, by A. Wicklein.

GERMAN, per, Faserforsch und Textil, Vol VIII, No 6, 1957, pp 230-239.

NRCC TT-841

The Reaction of Cellulose Fibres With Reactive Dyes and the Influence of the Fibre Structure on These Processes, by K. Schwertassek.

GERMAN, per, Faserforsch und Textiltech, Vol IX, No 8, 1958, pp 321-329.

NRCC-TT-867

The Reaction Mechanism of Titanium Dioxide as a Catalyst in the Photodegradation of Cellulose, by J. Schurz, E. Kienzl.

GERMAN, per, Faserforsch und Textiltech, Vol IX, No 12, 1958, pp 513-519.

NRCC-TT-870

Scientific  
Chemistry (Contd)

Spectrophotometric Study of Acid  
Chlorite Solutions, by W. Buser,  
H. Hanisch.  
GERMAN, per, Helvetica Chimica Acta,  
Vol XXXV, No 5-8, 1952, pp 2547-2555.

\*AERE, Ha-well

The Problem of Using Titanium to Stabilize  
Anti-Corrosion Steel 18/9 for Castings,  
by Rudolf Pospisil, Rudolf Stefec, 13 pp.  
GERMAN, per, Hutnicke Listy, Vol XI,  
1956, pp 218-225.

AEC Tr-4231

Contribution on the Process of Rennet  
Coagulation and on the Question of Rennet  
Strength Estimation, by H. Hostettler,  
J. Stein.

GERMAN, per, Landwirtsch Jahrb Schweiz,  
Vol LXVIII, 1954, pp 291-368.

NRCC TT-843

The Electrophoretic Behaviour of Milk  
Proteins When Subjected to Various  
Heating Processes. Electrophoretic  
Investigations of Evaporated Milk, by  
H. Hostettler, J. Stein.  
GERMAN, per, Landwirtsch Jahrb Schweiz,  
Vol LXXII, No 7, 1958, pp 163-182.

NRCC TT-840

Delustring Synthetic Fibres by Means of  
Titanium, by A. Agster.  
GERMAN, per, Melliand Textilber, Vol  
XXXIII, 1952, pp 739-743.

NRCC TT-862

On the Strength of Undelustred and  
Titanium Dioxide-Delustred Rayon, After  
Bleaching and Washing, and the Effect  
of Delustring With Titanium Dioxide  
on the Fastness of Dyes, by G. Schwen.  
GERMAN, per, Melliand Textilber, Vol  
XXXIII, No 6, 1952, pp 522-525.

NRCC TT-846

Scientific  
Chemistry (Contd)

On the Existence of Tricalcium  
Phosphate in Aqueous Solution,  
by E. Hayek, H. Newesely.

GERMAN, per, Monats Chem, Vol  
LXXXIX, No 1, 1958, pp 88-95.

NRCC TT-855

Hafnium Carbide-Containing Carbide  
Systems, by E. Rudy, et al.

GERMAN, per, Monatscheffe fuer  
Chemie, Vol XCI, 1960, pp 176-187.

\*AEC

Chlorination Treatment With Pressure,  
As a Second Working Stage in the Isolation  
of Oxide Present in Steel, by D. Blazejak-  
Ditges.

GERMAN, per, Radex Rundschau, Oct 1960,  
pp 257-261.

\*BISI 1993

On the Question of the Metabolism of Radio-  
Ruthenium in the White Mouse. I. Distribu-  
tion and Excretion of Carrier-Free Ru<sup>106</sup>  
After Different Forms of Administration,  
by E. Spode, F. Gensicke, 11 pp.

GERMAN, per, Strahlentherapie, Vol CXI,  
1960, pp 266-272.

AEC Tr-4131

Investigations on the Dissociation Rate of  
Carbon Monoxide in the Blast Furnace, by  
H. Schenck, H. Barth.

GERMAN, per, Stahl und Eisen, 10 Nov 1960,  
pp 1681-1689.

\*BISI 1985

Synthetic Fibres as Raw Material for Fishing  
Nets, by G. Klust.

GERMAN, per, Textil Praxis, Vol VIII, No 14,  
1959, pp 759-764.

NRCC TT-873

The Photochemical Breakdown of Polyester  
Fibers, by W. Schefer.

GERMAN, per, Textil-Rundschau, Vol XIII,  
No 6, 1958, pp 336-346, No 7, pp 396-411.

NRCC TT-812

Scientific  
Chemistry (Contd)

Chlorine Dioxide in Water Treatment,  
by K. Schilling.

GERMAN, per, Vom Wasser, Vol XXIII,  
1956, pp 95-101.

\*AERE, Harwell

Four Years Practical Experience With  
Chlorine Dioxide, by Ol Widemarn.

GERMAN, per, Vom Wasser, Vol XXIV,  
1957, pp 50-70.

\*AERE, Harwell

The NiTe-NiTe<sub>2</sub> System, by W. Klemm,  
N. Fratini.

GERMAN, per, Z Anorg u Allgem Chem,  
Vol CCLI, No 3, 1943, pp 222-232.

NRCC TT-872

Rhodium Colloids, by A. Gutbier,  
E. Levtheusser.

GERMAN, per, Z fuer Anorg und Allegem  
Chemie, Vol CXLIX, 1925, pp 181-190.

\*AEC

Colloid Synthesis With the Help of  
Titanium (III) Chloride Section V "On  
Bismuth and Antimony Colloids," by  
A. Gutbier, B. Ottenstein, F. Allam.

GERMAN, per, Z fuer Anorgan und Allegem  
Chemie, Vol CLXIV, 1927, pp 287-296.

\*AEC

On Bismuth - Iodine Compounds, by H. S.  
van Klooster, 16 pp.

GERMAN, per, Z Anorg Chem, Vol LXXX,  
1913, pp 104-112.

AEC Tr-4223

Theory of the States of Matter, by P. P.  
von Weimarn, 29 pp.

GERMAN, per, Z Chem und Ind Kolloide,  
Vol II, 1907-1908, pp 199-208.

AEC Tr-4229

The Receptivity of Platinum Metals for  
Hydrogen, by E. Muller, K. Schwabe.

GERMAN, per, Z fuer Elektrochemie,  
Vol XXXV, 1929, pp 165-184.

\*AEC

Scientific  
Chemistry (Contd)

Preferred Direction of Surface  
Diffusion on Single-Crystal Faces,  
by M. Drechsler, 18 pp.  
GERMAN, per, Z fuer Elektrochem,  
Vol LVIII, 1954, pp 334-339.

AEC Tr-4220

The Chemical Reactions in Manganese  
Dioxide Electrodes, by K. Neuman,  
W. Fink.  
GERMAN, per, Z fuer Elektrochem,  
Vol LXII, No 2, 1958, pp 114-122.

RAE 856

A Diagram for Thermo Gas-Dynamic Processes,  
by O. Lutz.  
GERMAN, per, Z fuer Flugwissenschaft,  
Vol VII, No 10, 1959, pp 281-286.

RAE 889

Production of Indium Arsenide and Gallium  
Aresenide Monocrystals, by R. Gremmel-  
maier, 5 pp.  
GERMAN, per, Z fur Naturforschung, No 11,  
1956, pp 511-513.

ACSI H-7379  
ID 2149798

A Stable, Mesomeric Oxygen-Carbon-Nitrogen  
Radical, the 4-Cyano-2, 6-ditert.-butyl-  
phenoxyl-(1), by K. Ley, K. Scheffler,  
A. Rieker, E. Muller.  
GERMAN, per, Z. Naturforsch, Vol XIIIb,  
No 7, 1958, pp 460, 461.

NRCC TT-851

The Absorption Power of Fixed Cobalt for  
Hydrogen and Nitrogen, by A. Sieverts,  
H. Hagen.  
GERMAN, per, Z fuer Physik Chemie,  
Vol CLXIX, 1934, pp 237-240.

\*AEC

The Preparation of Raw Gypsum and Its  
Conversion Into Various Hemihydrate  
Plaster Forms. Parts I and II, by  
E. Eipeltauer.  
GERMAN, per, Zement-Kalk-Gips, Vol XI,  
No 6, 1958, pp 264-272, Vol XII, No 8,  
1959, pp 351-355.

NRCC TT-899

Scientific  
Chemistry (Contd)

Report of the Spectroscopic Section  
of the Chemical Conference of the  
Hungarian Chemical Society, by L. L.,  
6 pp.

HUNGARIAN, per, Fizikai Szemle, Vol X,  
No 6, 1960, pp 190, 191.

JPRS 6316

Results of Research on Manganese-Zinc  
Ferrites in Hungary, by Balazs Pataki,  
(DC-5075).

HUNGARIAN, per, Magyar Híradastechnika,  
Vol XI, No 3, 1960, pp 104-107.

\*JPRS

Influence of Zirconium Associated With  
Manganese on the Recrystallisation  
and the Mechanical Properties of Anti-  
corodal 11 Extrusions, by E. Di. Russo,  
D. Gualandi.

ITALIAN.

Aluminum Lab  
B-TM-239-59  
OT/3733

The Pyrrole Carboxylic Acids. Note IX.  
C-ethylpyrrole Carboxylic Acids, by  
R. A. Nicolaus, R. Nicoletti.

ITALIAN, per, Annali di Chimica, Vol  
XLVII, No 2, 1957, pp 167-177.

NRCC TT-842

Graft Copolymerization of Vinyl Monomers  
by Irradiation, by C. Mazzolini, 53 pp.  
ITALIAN, per, Materie Plastiche, Vol XXV,  
1959, pp 231-247.

AEC NP-Tr-474

Preliminary Observations on the Detection  
of Defects by Low-Temperature Oxidation of  
Fracture Surfaces (0001) in Zinc Mono-  
crystals, by P. Spinedi, A. Garbrecht.  
ITALIAN, per, Metallurgia Italiana, No 7,  
1960, pp 411-416.

BISI 1897

Continuous Coulometric Determination of Oxygen  
in Gas, by I. Sakamaki, S. Yuki, B. Kagaku.  
JAPANESE, per, Japan Analyst, Vol VII,  
1959, pp 33-37.

\*AEC



Scientific  
Chemistry (Contd)

Magnetochemical Studies of Coals and  
Their Related Substances (Second Report)  
on Carbonization and Graphitization  
(Part 1), by Ouchi Koji.

JAPANESE, rpt, Japan Resources Res Inst,  
Report No 31, 1955.

Dept of Interior  
TN7 E57 No 327

Indirect Coulometric Titration of Reducible  
Organic Compounds by Produced Ceric Ion,  
by T. Takahashi, H. Sakurai.

JAPANESE, per, Kogyo Kagaku Zasshi,  
Vol LXIII, No 4, 1960, pp 608-611.

\*AEC

Hydrogenation of Solvent-Extracted Oils;  
I. Hydrogenation of Extracted Oils From  
Low-Temperature Tar, by Korokawa Masatake,  
Asaoka Nobushisa.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol  
XLIV, No 9, 1941, pp 737-740.

Dept of Interior  
TN7 E57 No 273

Secondary Hydrogenation Under Super-High  
Pressure of Oil Obtained by the Liquefaction  
of Coal, by Kurokawa Masatake, Fujiwara Koze.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol  
XLVIII, No 3, 1945, pp 40, 41.

Dept of Interior  
TN7 E57 No 271

Fluidized Carbonization of Coal, by  
A. Terui.

JAPANESE, per, Nenryo Kyohai Shi, Vol  
XXXV, No 349, May 1956, pp 266-278.

National Coal Bd Tr A1327  
US Bur of Mines  
Pittsburgh, Pa.

Turbulent Heat Transfer by Forced  
Convection With Large Temperature  
Differences, by T. Hara, J. Okushi.

JAPANESE, per, Nihon Kikai Gakkai  
Ronbun Shu, Part 2, Vol XXIV, No 140,  
1958, pp 219-223.

\*AERE, Harwell

On the Oxidation Reaction in the Monolayers  
of Unsaturated Fatty Acids, by Keiichi  
Eda.

JAPANESE, per, Nippon Kagaku Zasshi,  
Vol. LXXIII, No 4, 1952, pp 260-263.

\*NRL

Scientific  
Chemistry (Contd)

Investigation of the Behaviour of  
Hydrogen in Steel, by M. Kawai.  
JAPANESE, per, Tetsu to Hagane,  
Dec 1950, pp 21-25; Jan 1951,  
pp 23-29.

BISI 1966

Performance Test of Trial-Manufactured  
Sintered Alkaline Storage Battery, Rpt 2.  
JAPANESE, per, Tetsudo Gijutsu Kenkyu  
Shiryo, 25 Jul 1960, p 27.

USACRAPAC, PD  
Tr No 102743

Annals of Chemistry.  
POLISH, bk, Roczniki Chemii, No 1, 2, 3,  
4/5, 6, 1959.

\*AEC

Biosynthesis and Degradation of Nicotine.  
POLISH, per, Postepy Biochemii, Vol VI,  
1960, pp 43-58.

\*AEC

Scientific  
Electricity

Steady-State Stability of a Transmission System With Controlled Synchronous Condensers at the Sectionalizing Substation, by N. I. Sokolov, 11 pp.

RUSSIAN, per, Elektrichestvo, No 5, 1957, pp 25-30.

PP

Investigation of Over-Voltages Due to Arcing Earth-Faults in 6-10 kv Systems With Insulated Neutral, 12 pp.

RUSSIAN, per, Elektrichestvo, No 5, 1957, pp 31-36.

PP

Arc-Quenching Processes in Air-Blast Circuit-Breakers, by V. Gusa, Ya. Tsigelka, 7 pp.

RUSSIAN, per, Elektrichestvo, No 5, 1957, pp 37-39.

PP

Determination of the In-Feed Currents (From Induction Motors) to Short-Circuits in Low-Voltage Systems, by M. O. Kamenetskiy, 12 pp.

RUSSIAN, per, Elektrichestvo, No 5, 1957, pp 40-45.

PP

Wind Pressure on Overhead Transmission Line Conductors, by V. V. Burgsdorf, 11 pp.

RUSSIAN, per, Elektrichestvo, No 5, 1957, pp 47-52.

PP

A New Air-Blast Circuit Breaker for 220 kv 7000 mva, by T. I. Smirnova, 5 pp.

RUSSIAN, per, Elektrichestvo, No 6, 1957, pp 48-50.

PP

A Method of Deriving Equations for the Electromechanical Transient in Electric Circuits, by S. V. Strakhov, 16 pp.

RUSSIAN, per, Elektrichestvo, No 7, 1957, pp 5-10.

PP

The Induction Law for an Electrostatic Machine, by A. A. Bal'chitis, 8 pp.

RUSSIAN, per, Elektrichestvo, No 7, 1957, pp 11-14.

PP

Scientific  
Electricity (Contd)

Generalized Method of Investigating the  
Transient Processes in Electric Drive  
Systems, by D. P. Morozov, Yu. A. Bortsov,  
12 pp.  
RUSSIAN, per, Elektrichestvo, No 7, 1957,  
pp 19-24.

PP

The Use of Load Distribution Diagrams for the  
Design of Urban Systems, by Yu. A. Glants,  
10 pp.  
RUSSIAN, per, Elektrichestvo, No 7, 1957,  
pp 45-50.

PP

A Practical Method for Designing Relays  
With Rectifiers, by G. G. Gimoyan, 7 pp.  
RUSSIAN, per, Elektrichestvo, No 7, 1957,  
pp 50-53.

PP

The Homogram for Determining Protective  
Zones of Lightning Conductors, by L. M.  
Lopshits, 5 pp.  
RUSSIAN, per, Elektrichestvo, No 7,  
1957, pp 76-78.

PP

New Method of Testing High-Voltage Cutouts  
for Current-Breaking Capacity, by A. I.  
Balakin, 5 pp.  
RUSSIAN, per, Elektrichestvo, No 1, 1960,  
pp 43-47. 9073521

DSI 621

Some Special Features of the Operating  
Conditions of Long-Distance AC Transmission  
Lines, by I. M. Matkovich, S. A. Sovalov,  
A. A. Kryukov, 7 pp.  
RUSSIAN, per, Elektrichestvo, No 2, 1960,  
pp 35-40. 9073523

DSI 629

Electricial Engineering. (a) A Modernized  
Scheme for Exciting the Arc in Mercury  
Arc Valves, by V. M. Mantrov, 4 pp.  
RUSSIAN, per, Elektrichestvo, No 5, 1960,  
pp 13-15. 9073518

DSI 631

Scientific  
Electricity (Contd)

(b) Grid Control of Mercury Arc Rectifiers  
by Means of Half-Period Magnetic Amplifiers,  
by S. S. Royzen, 7 pp.  
RUSSIAN, per, Elektrichestvo, No 5, 1960,  
pp 39-45. 9073518

DSI 631

Electrical and Physical Properties of  
Industrial Electric Insulation Materials  
When Subjected to Radio-Active Irradiation,  
by K. A. Vodop'yanov, B. I. Vorozhtsov,  
G. I. Potakhova, N. I. Ol'shanskaya, 5 pp.  
RUSSIAN, per, Elektrichestvo, No 5, 1960,  
pp 60-66. 9073518

DSI 631

Transient Phenomena During Amplitude and  
Frequency Modulation in Some Special Passive  
Circuits, by E. Henze.  
GERMAN, per, Archiv Elektrischen Ubertragung,  
Vol IX, 1955, pp 326-338.

TIL T 5010

Scientific  
Electronics

A Specialized Digital Computer and an Experiment in Its Use (A Computer With Reduced Capabilities), by V. A. Egorov, 179 pp.

RUSSIAN, bk, Konferentsiya po Puti Razvitiya Sovetskogo Matematicheskogo Mashinostroyeniya i Priborostroyeniya, 12-17 Mar 1958. 9072456

Rand Corp T-133

On the Reliability Parameters of Electronic Systems, by A. A. Babenko, 9 pp.

RUSSIAN, bk, Nadezhnost' Radioelektronnoy Apparatury, 1958.

OTS 60-21823  
PL-480

On the Problem of Reserves in Radio-Electronic Systems, by M. A. Sinitsa, 26 pp.

RUSSIAN, bk, Nadezhnost' Radioelektronnoy Apparatury, 1958.

OTS 60-21823  
PL-480

Underheating and Noise Parameters of the Progressive Deterioration of Tube Characteristics, by S. M. Levitin, 12 pp.

RUSSIAN, bk, Nadezhnost' Radioelektronnoy Apparatury, 1958.

OTS 60-21823  
PL-480

On the Criterion and Method of Estimating the Reliability of Radio-Electronic System Elements, by S. M. Kuznetsov, 19 pp.

RUSSIAN, bk, Nadezhnost' Radioelektronnoy Apparatury, 1958.

OTS 60-21823  
PL-480

Operational Reliability of the Standard Elements of the Besm, by V. A. Zimin, 17 pp.

RUSSIAN, bk, Nadezhnost' Radioelektronnoy Apparatury, 1958.

OTS 60-21823  
PL-480

On Methods of Calculating the Reliability of Systems, by G. V. Druzhinin, 11 pp.

RUSSIAN, bk, Nadezhnost' Radioelektronnoy Apparatury, 1958.

OTS 60-21823  
PL-480

Service Life of Electronic Tubes in the Standard Elements of the Besm, by V. A. Zimin, 9 pp.

RUSSIAN, bk, Nadezhnost' Radioelektronnoy Apparatury, 1958.

OTS 60-21823  
PL-480

Scientific  
Electronics (Contd)

Conditions Affecting the Reliability  
of Radio Equipment, by A. V. Astaf'yev,  
237 pp.

RUSSIAN, bk, Okruzhayushchaya Sreda  
i Nadezhnost' Radiotekhnicheskoy Apparatury,  
1959, 232 pp.

ACSI H-6521  
ID 2156406

Electron Correlation Techniques (IV). The  
Measurement of the Cross Correlation  
Coefficient of a Continuous Sound Signal  
in the Sea, by S. G. Gershman, Yu. I.  
Tuzhilkin, 6 pp.

RUSSIAN, per, Akusticheskiy Zhur, Vol VI,  
No 3, 1960, pp 292-298. 9073526

DSI 650

Electrets and Prospects of Their Application  
in Automation, by V. A. Andryushchenko, 9 pp.  
RUSSIAN, per, Avtom i Telemekh, Vol XXI,  
31 Oct 1960.

USASIA Tr 1093

Combined Measuring Instruments With Semi-  
conductor Rectifiers, 4 pp.

RUSSIAN, per, Avtomatika, Telemekh, i Svyaz',  
No 7, 1960.

JPRS 7329

On a System of Programming Concepts, by R. I.  
Podlovchenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII,  
No 6, 1960, pp 1287-1290.

Internatl Phys Index  
Automation Express  
Vol III, No 3

The Possibility of Obtaining Polymeric  
Materials Based on Polyacrylonitrile,  
With Semiconducting Properties, by A. V.  
Topchiyev, M. A. Geyderikh, B. E. Davydov,  
V. A. Kargin, B. A. Krentsel', I. M.  
Kustanovich, L. S. Polak.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 2, 1959.

TIL 1(a)  
OT/3864

Billions of Little Tubes, by A. Presnyakov,  
4 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, 3 Jun 1960,  
No 2 (674).

USASIA Tr 1108

Scientific  
Electronics (Contd)

The Protection of a Regulating Auto-transformer, by A. N. Kozhin, 8 pp.  
RUSSIAN, per, Elektrichestvo, No 5, 1957,  
pp 52-56.

PP

High-Voltage Autotransformers, by A. G. Kraiz, 10 pp.  
RUSSIAN, per, Elektrichestvo, No 6, 1957,  
pp 39-44.

PP

Modern Computing Machines and the Psychic Activity of Man, by L. G. Dobrovol'skiy, 15 pp.  
RUSSIAN, per, Fiziol Zhur, Vol VI, No 4, Jul/Aug 1960, pp 450-458.

JPRS 7315

Decimal Translator Circuits (Decades), by F. Ya. Galkin, M. N. Ivanov.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Ser Priborostroyeniye, No 4, 1959, pp 91-96.

\*ACSI H-7935  
ID 2156388

An Electronic Analogue Correlator, by B. S. Ryabyshkin, 3 pp.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Ser Priborostroyeniye, Vol III, No 2, 1960, pp 116-118. 9073525

DSI 642

Fuel Cells, by D. S. Krivozub, 6 pp.  
RUSSIAN, per, Prom Energetika, No 4, 1960, pp 47-49.

JPRS 6476

Optimum Transmission of Information by a Telecommunications Channel With Unknown Parameters, by R. L. Dobrushin, 5 pp.  
RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 12, 1959, pp 1951-1956. 9073522

DSI 626

Signal Detection. (a) Detection of Pulse Packets of Random Length by Devices With Finite Memory Capacity Under the Action of Fluctuation Interference, by A. Ye. Basharinov, 4 pp.  
RUSSIAN, per, Radiotekh i Elektron, No 3, 1960, pp 355-359. 9073511

DSI 628



Scientific  
Electronics (Contd)

(b) Distribution of Phase Differences of Oscillations in the Combination of a Fluctuating Signal, Noise and Correlated Noise Interference, by M. S. Alexandrov, 4 pp.

RUSSIAN, per, Radiotekh i Elektron, No 3, 1960, pp 360-365. 9073511

DSI 628

(c) Detection of a Signal of Unknown Frequency and Arbitrary Initial Phase on a Background of White Noise, by Yu. B. Chernyak, 7 pp.

RUSSIAN, per, Radiotekh i Elektron, No 3, 1960, pp 366-375. 9073511

DSI 628

Mutual Correlation of Noise Voltages at Output of Amplifiers With Intersecting Frequency Characteristics, by Yu. B. Chernyak, 9 pp.

RUSSIAN, per, Radiotekh i Elektron, No 4, 1960, pp 551-561. 9073515

DSI 645

Color Motion Picture Television Transmitter With a Three-Vidicon Camera, by V. A. Buldakov, G. V. Zhirnova, et al. (NY-5631).

RUSSIAN, per, Tekh Kino i Televideniya, No 11, 1960, pp 36-40.

\*JPRS

Variation of the Electrical Resistance of a Fe-Ni-Cu Alloy in a Magnetic Field, by A. P. Lyustrova.

RUSSIAN, per, Trudy Ural' Politekh Instituta imeni Kirova, Sbornik 72-oi, Metallurgizdat, 1957, pp 41-45.

Navy 2699/NRL 817

Discrete Automatic Systems, by Ya. Z. Tsypkin, (SF-1440).

RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960, pp 61-65.

\*JPRS

Telecommunications in the People's Republic of Rumania, by I. Popov, 4 pp.

BULGARIAN, per, Poshchenets, No 7-8, 1960.

USASIA Tr 1094

Scientific  
Electronics (Contd)

New Applications of Microwave Techniques  
in Communist China, by Huang Wu-han, 16 pp.  
CHINESE, per, K'o-hsueh T'ung-pao, No 8,  
1960, pp 247-252.

JPRS 6371

The RE5XL Electron Tube and the Czechoslovak  
Patents Utilized in It, by Bohdan Klen, 5 pp.  
CZECH, per, Sdelovaci Technika, No 12,  
1959, pp 448, 449.

USASIA H-6614-A

The Opd 250 Slow Time Base Oscillograph, by  
Lubomir Jiricek, 4 pp.  
CZECH, per, Sdelovaci Technika, No 12, 1959,  
p 462.

USASIA H-6614-B

Items of Interest From Everywhere, 3 pp.  
CZECH, per, Sdelovaci Technika, No 12,  
1959, pp 470-478.

USASIA H-6614-C

The Soviet K60 Sixty-Channel Equipment of  
Carrier Telephony, by J. L., 5 pp.  
CZECH, per, Sdelovaci Technika, Vol VIII,  
No 2, 1960, pp 45, 46.

USASIA H-6616-A

Information of Telegraph, Telephone and  
Television Services in the Netherlands, 15 pp.  
DUTCH, per, Jaarverslag Post Telegraph  
Telephone, 1957, pp 33-47.

USASIA H-6730

Telecommunications in Mauritania, by M. G.  
Morere, 3 pp.  
FRENCH

USASIA Tr 1110

Some Types of Electrostatic Immersion Objec-  
tives for High Magnification, by A. Septier.  
FRENCH, per, Annales de Radioelectricite,  
Vol IX, No 35, 1954, pp 374-410.

\*NRL

Recombination Centers Created in Germanium  
by Fast Neutrons, by Nguyen Van Dong,  
A. Barraud.  
FRENCH, per, Journal of Electronics and  
Control, No 7, 1959, pp 285-288.

\*AEC

Scientific  
Electronics (Contd)

Gravity Can Revolutionize Telecommuni-  
cations, by Lucien Barnier, 4 pp.  
FRENCH, np, L'Intransigeant, 28 Sep 1960.

USASIA Tr 1095

Experimental Microwave Link Between  
France and Algeria, 3 pp.  
FRENCH, per, Radio Television Francaise,  
Sep 1960.

USASIA Tr 1102

Transmission of Intelligence by Integration  
of Coded Signals, by Henning Harmuth, 16 pp.  
GERMAN.

USASIA Tr 1104

Direct Determination of Average Particle Size  
in Microscopic Preparations With Electric  
Point Counter Apparatuses Which are Equipped  
With an Ocular Headpiece, by Gunther Schneider.  
GERMAN, bk, Direkte Bestimmung Mittlerer  
Teilchengrossen an Mikroskopischen Preparaten  
mit Elektrischen Punktzahlgeraten, die mit  
Einen Okularaufsatz Ausgerustet Sind.

\*AEC

Breakdown Voltage and Ignition Lag in Nitrogen  
at Higher Pressures, by G. List.  
GERMAN, per, Annalen der Physik, Vol XIX,  
1957, pp 283-297.

NRCC TT-828

Sea Clutter and Radar, by H. C. Freiesleben,  
6 pp.  
GERMAN, per, AFO (Ausschuss fuer Funkortung),  
Mitteilungen, Jan 1960, pp 11-23. 9073527

DSI 647

Swiss Communications Developments, 21 pp.  
GERMAN, per, Hasler Mitteilungen, Vol XVII,  
No 2, 1958.

USASIA H-6758

Supersonic Velocities in High Vacuum, by H.  
Klumb, E. Robens, et al.  
GERMAN, per, Die Naturwissenschaften, Vol XL,  
No 6, 1953, pp 196-197.

\*AERE, Harwell

A Radioelectric Muzzle-Velocity and Resistance-  
Coefficient Measurement Instrument With  
Digital Indication of Measurement Values, by  
B. Koch.  
GERMAN, per, Wehrtechnische Monatshefte.

\*ACSI H-8018  
ID 2156401

Scientific  
Electronics (Contd)

Investigation of the High Frequency  
Spectrum of Periodic Discharges, by  
W. Heintz.

GERMAN, per, Z Angew Physik, Vol XI,  
No 2, 1959, pp 51-56.

NRCC TT-848

Sound-Powered Telephone Systems, by  
Mpellos Anastasios, 14 pp.

GREEK, per, Epitheoresis Oplon kai  
Somaton, No 10-12, 1958.

USASIA Tr 1106

BO-12 Twelve - Channel Open-Wire Carrier  
Current Telephone Equipment, by J.  
Taubenheim.

HUNGARIAN, per, Magyar Híradesteknika, No 4,  
1960, pp 128-136.

\*ACSI H-7954  
ID 2156394

The Technical Equipment of the Electronic  
Music Studio of Radio Milan, by A. Lietti.  
ITALIAN, per, Elettronica, Vol V, No 3,  
1956, pp 116-121.

NRCC-TT-859

Electron Microscope Study of the Structure  
of Work Rolls for Cold Rolling. III.,  
by K. Gokan, T. Ando.

JAPANESE, per, Tetsu to Hagane, Mar 1956,  
pp 306-307.

BISI 1936

First Polish Electronics Conference, by  
Jerzy Antoniewicz, 8 pp.

POLISH, per, Przegląd Elektroniki, Vol I,  
No 1, Mar 1960, pp 2-6.

JPRS 7365

Computers in Planning and Accounting,  
by Tudor Tanasescu, Manea Manescu,  
Edmond Nicolau, 14 pp.

RUMANIAN, per, Automatica si Electronica,  
Vol IV, No 4, Jul/Aug 1960, pp 150-155.

JPRS 6475

Antenna for Tropospheric Scatter Communi-  
cation, 7 pp.

SWEDISH, per, Industriell Teknik, Vol LXXXVII,  
No 20, 14 Oct 1959, pp 662, 664, 687.

USASIA H-6740

Scientific  
Engineering

Automation of Forging and Stamping Pressures, by A. N. Gusev.  
RUSSIAN, bk, Avtomatizatsiya Kovochno-Shtampovochnogo Pressa, Moscow, Mashgiz, 1960, 45 pp.

\*PP

Refrigeration Engineering, by D. N. Prilutskiy, 288 pp.  
RUSSIAN, bk, Bibliograficheskiy Spravochnik po Voprosam Kholodil'noy Tekhniki za 1923-1955, 1956, 246 pp.

OTS 60-51073  
PL-480

Electric Arc Welding of Aluminum, by Ya. L. Klyachkin.  
RUSSIAN, bk, Elektrodugovaya Svarka Alyuminiya, Moscow, 1959, pp 3-8, 17-32, 33-43, 104-120, 166-175.

\*ATIC MCL 813/1

Experience in the Development of Industrial Models of Electrostatic Generators, by I. F. Malyshev, F. G. Zheleznikov, G. Ya. Roshal.  
RUSSIAN, bk, Elektrostaticheskiye Generatory, 1959, pp 224-256.

\*ATIC MCL 817/1

Spot Welding With the Aid of Ultrasound, by M. N. Krumbol.  
RUSSIAN, bk, Novoye v Elektricheskoy i ul Trazvukovoy Obrabotke Materialov, 1959, pp 235-243.

\*ATIC MCL-811/1

Ultrasonics in Welding, by O. L. Shanskiy, A. V. Mordvintseva.  
RUSSIAN, bk, Primeneniye ul Trazvuka v Promyshlennosti, 1959, pp 287-302.

\*ATIC MCL 810/1

Desulphurization of Pig Iron Outside the Blast Furnace With Additions of Aluminum Powder, by S. K. Sobolev, et al.  
RUSSIAN, bk, Production and Processing of Steel and Alloys, 1960, pp 5-14.

\*HB 5030

Welding, by V. V. Boytsov, V. P. Grigor'yev, et al.  
RUSSIAN, bk, Sborochnyye i Montazhnyye Raboty, Moscow, 1959, pp 125-172.

\*ATIC MCL 819/1

Scientific  
Engineering (Contd)

Welding, by G. A. Nikolayev, et al.  
RUSSIAN, pamphlet, Svarka, 1960,  
106 pp.

\*ATIC MCL 804/1

Welding of Light Metals and Their  
Alloys, by G. A. Pukhov.  
RUSSIAN, bk, Svarka Legkikh Metallov  
i ikh Splavov, 1959, pp 82, 83, 131-  
135, 142-145.

\*ATIC MCL-812/1

Friction Welding of Metals. Part II,  
by V. I. Vill'.  
RUSSIAN, bk, Svarka Metallov Trenium,  
1959, pp 36-60.

HB 4919

Friction Welding of Metals. Part III  
(Concluding), by V. I. Vill'.  
RUSSIAN, bk, Svarka Metallov Trenium,  
1959, pp 60-86.

HB 4920

An Industrial Experiment in the Introduction  
of Electroslag Surfacing of the Edges of  
Large-Size Boiler Shells, by P. N.  
Rukhlin, G. A. Pertsovskiy.  
RUSSIAN, bk, Svarka Sbornik Statey, 1959,  
pp 163-173.

\*ATIC MCL 809/1

Certain Problems of Automatic Submerged  
Arc Welding of Aluminum-Magnesium Alloys,  
by V. N. Chulkov.  
RUSSIAN, bk, Svarka Sbornik Statey,  
1959, pp 195-202.

\*ATIC MCL 809/1

Semi-Automatic Welding of Low Carbon  
Steel in a CO<sub>2</sub> Envelope, by E. D.  
Kudinov, V. S. Aristov.  
RUSSIAN, bk, Svarka Sbornik Statey,  
1959, pp 203-213.

\*ATIC MCL 809/1

Welding Industry, by Yu. A. Maslov.  
RUSSIAN, bk, Svarochnoye Proizvodstvo,  
1959, pp 1-53, 102-116, 109-202, 217-240.

\*ATIC MCL 805/1

Scientific  
Engineering (Contd)

Technology of the Most Important  
Branches of Industry, Part 2,  
Machine Construction, by B. P.  
Berezin, A. A. Mosyak, et al.  
RUSSIAN, bk, Tekhnologiya  
Vazhneyshikh Otrasley Promyshlen-  
nosti, Chast II, Mashinostroyeniye,  
1959, pp 125-178.

\*ATIC MCL 806/1

Fatigue Strength, by P. E. Kravchenko.  
RUSSIAN, bk, Ustalostnaya Prochnost',  
Moscow, 1960, 103 pp.

\*PP

Mobile Tower Cranes KTS-5-10 I KTS-3-5,  
by G. P. Tarakanov, M. V. Pustilnikov.  
RUSSIAN, per, Byul Tekh-Ekon Informat,  
No 7, 1960, pp 37-40.

\*ATIC MCL-815/1

Self-Lifting Crawler Cranes Model PKT,  
by K. I. Yemelin.  
RUSSIAN, per, Byul Tekh-Ekon Informat,  
No 8, 1960, pp 40-42.

\*ATIC MCL 814/1

Automobile Cranes for Assembling and  
Dismantling Operations in East Germany  
and Poland, by M. D. Gilula.  
RUSSIAN, per, Byul Tekh-Ekon Informat,  
No 8, 1960, pp 78-82.

\*ATIC MCL 814/1

Controlling a Mill With Separately  
Driven Rollers, by O. V. Slezhanov-  
skiy. 12 pp.  
RUSSIAN, per, Elektrichestvo, No 5,  
1957, pp 12-20.

PP

Current in the Charge Materials of a  
Ferrosilicon Furnace, by I. T. Zherdev,  
5 pp.  
RUSSIAN, per, Elektrichestvo, No 5,  
1957, pp 65-69.

PP

A Method for Thermal Calculations of  
Mining Combine Motors, by G. I. Pertsov,  
14 pp.  
RUSSIAN, per, Elektrichestvo, No 6, 1957,  
pp 58-64.

PP

Scientific  
Engineering (Contd)

Velocity-Time Relations for Electric Drives for Intermittent Operation, by L. V. Karniushin, 16 pp.  
RUSSIAN, per, Elektrichestvo, No 6, 1957, pp 64-71.

PP

The New Planimeter of the "Geophysics" Plant of the Precision Mechanics Trust, 6 pp.  
RUSSIAN, per, Geodezist, No 12, 1930, pp 34-38.

JPRS R-108-N/92

The Rhythmic Chronometer and Rhythmic Signals, 5 pp.  
RUSSIAN, per, Geodezist, No 7, 1931, pp 37-41.

JPRS R-109-N/52

The Problem of the Wild Precision Range-Finder, 4 pp.  
RUSSIAN, per, Geodezist, No 11/12, 1931, pp 34-36.

JPRS R-109-N/65

Recording Very High Precision, 8 pp.  
RUSSIAN, per, Geodezist, No 5/6, 1934, pp 92-96.

JPRS R-112-N/27

Grading, 10 pp.  
RUSSIAN, per, Geodezist, No 8, 1934, pp 20-27.

JPRS R-112-N/32

Construction of a Transit Line Link in First Order Transit Traverse, 19 pp.  
RUSSIAN, per, Geodezist, No 4, 1935, pp 34-46.

JPRS R-113-N/20

Standard General-Purpose Stadia Rod, 8 pp.  
RUSSIAN, per, Geodezist, No 4, 1935, pp 57-62.

JPRS R-113-N/21

Investigation of the Light Range Finder GD-300, by V. A. Varonin, L. I. Plk, S. S. Plonskiy, 9 pp.  
RUSSIAN, per, Geodeziya i Kartografiya, No 6, 1960, pp 12-23. (Call No GB275, G352, Eng Tr)

AMS



Scientific  
Engineering (Contd)

New Principles of Automatic Control,  
Part I, by A. A. Fel'dbaum, (NY-5678).  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
No 3, 1960, pp 299-308.

\*JPRS

New Principles of Automatic Control,  
Part II, by A. A. Fel'dbaum, (NY-5678).  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
No 4, 1960, pp 419-430.

\*JPRS

Feeding Apparatus of the Pilger Rolling  
Mill, by S. N. Kozhevnikov, et al.  
RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Chern Metal, No 3, 1959, pp 143-155.

\*BISI 2019

Use of Top-Gas Composition for Analysis  
and Control of the Thermal Condition of  
Blast Furnace, by A. N. Pokhvisnev,  
N. K. Zhiklin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Chern Metal, Sep 1959, pp 29-45.

HB 4871

The Design of the Pilger Roll Profile  
for Achieving Maximum Mill Output,  
by O. A. Plyatskovskiy, A. A. Chernyavskiy.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Chern Metal, No 10, 1959, pp 49-56.

\*BISI 2004

Geometry of the Roll Pass in Hot Pilgering  
of Tubes, by A. P. Chekmarev, A. A.  
Chernyavskiy.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Chern Metal, Nov 1959, pp 47-62.

\*BISI 1989

Laws Governing the Pressure of the Blast  
Furnace Burden Upon the Liquid Smelting  
Products, by V. K. Kropotov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Chern Metal, Oct 1960, pp 22-28.

\*HB 5018

The Calculation of Follow-Up Systems for  
a Vector Plotter, by I. P. Shiniberov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved -  
Priborostroyeniye, No 4, 1959, pp 97-105.

ACSI H-7936  
ID 2156389

Scientific  
Engineering (Contd)

Determining the Aerodynamic  
Resistance and Friction in  
the Axis Bearings of a Gyroscope  
Motor by a Method of Coasting in  
a Vacuum, by A. G. Bessonov,  
17 pp.

RUSSIAN, per, Iz Vysshikh Ucheb  
Zaved - Priborostroyeniye, Vol III,  
No 1, 1960, pp 61-68.

JPRS 7342

On the Problem of Hot Cracking of  
Castings and Welds, by A. A. Bechvar,  
et al.

RUSSIAN, per, Lit Proiz, Oct 1960,  
p 47.

\*HB 5029

Concerning Automobile Cranes for  
Building and Assembling Operations,  
by A. V. Golinenko.

RUSSIAN, per, Mekhan Stroitel, No 6,  
1960, pp 8-12.

\*ATIC MCL 816/1

Lifting and Transporting Machinery,  
by G. G. Zelichenok.

RUSSIAN, per, Mekhan Stroitel, No 6,  
1960, pp 30, 31.

\*ATIC MCL 816/1

Increasing the Speed of Charging  
Conveyors in a Sinter Plant, by D. P.  
Pritykin.

RUSSIAN, per, Metallurg, No 10, 1959,  
pp 4-6.

BISI 1838

A Pneumatic Thermometer, by I. P.  
Gol'tsov, 3 pp.

RUSSIAN, per, Priborostroyeniye,  
No 5, 1960, pp 13, 14. 9073528.

DSI 652

Diagrams for Evaluating the Effect of  
Nozzles on Propeller Performance, by  
Yu. N. Mamontov.

RUSSIAN, per, Sudostroeniye, No 8,  
1959, pp 9-11.

\*Navy DDB T-301

Scientific  
Engineering (Contd)

(b) Reduction of Vibration in Ships  
by Constructing Open Recesses in the  
Bottom of the Hull Above the Screws,  
by S. K. Dorofeyuk, A. K. Sborovsky,  
3 pp.  
RUSSIAN, per, Sudostroyeniye, No 5,  
1960, pp 6-9. 9073528

DSI 644

Hydrological Work Concerning Flood  
Prevention in Medium- and Small-Scale  
Reservoirs, (NY-5685).  
CHINESE, per, Shui-wen Yueh-k'an,  
No 9, 1959, pp 7-15.

\*JPRS

Differentiating the Metric [International  
Standard] Screw From the Whitworth [Thread]  
Screw, by Li I-hui, 6 pp.  
CHINESE, np, Ta-kung Pao, 5 Sep 1960, p 3.

JPRS 4243

On the Reduction of the Dead Weight of  
Structures, by Wang Ta-tsun, 23 pp.  
CHINESE, per, T'u-mu Kung-ch'eng Hsueh-  
pao, No 5, 1960, pp 1-7.

JPRS 4317

Interesting Items From Everywhere, 4 pp.  
CZECH, per, Sdelovaci Technika, Vol VIII,  
No 2, 1960, p 74.

USASIA H-6616-C

Experiences With a Radiation-Convection  
Recuperator for Hot-Blast Cupola  
Furnaces, by J. Polak.  
CZECH, per, Slevarenstvi, Vol VIII,  
No 7, 1960, pp 230-236.

Engineers' Digest  
Vol XXI, No 10, 1960  
pp 89, 90

Device in Motor Vehicles for Preventing  
Blinding of the Driver by the Lights  
of Oncoming Vehicles, by Allan Borum, 3 pp.  
DANISH, Patent No 35,571.

US Dept of Commerce  
Patent Office  
Sci Lib

Closure for Compressible Containers in  
Particular Tubes, by Hakon Wiederquist,  
5 pp.  
DANISH, Patent No 82,686.

US Dept of Commerce  
Patent Office  
Sci Lib

Scientific  
Engineering (Contd)

Thermal and Fast Breeder Reactor  
Power Stations Program - Fuel Economy -  
Supply Problem - Plutonium Price, by  
J. Androit, J. Gaussens.

FRENCH, rpt, Programme de Centrales a  
Reacteurs Thermique et a Breeders Rapides -  
Economie du Combustible - Probleme de  
Stockage - Prix du Plutonium, 2 Aug 1960,  
43 pp.

\*AEC

The Definition and Practical Significance  
of Linear Thermal Vectors of Steels and  
Welds, by H. M. Schnadt.

FRENCH, pamphlet, Service des Recherches  
de la Fabrique d'Electrodes, Note No 601,  
Jan 1960, 32 pp.

BISI 1917

On the Problem of Substitution of a Thin  
Plate for the Keel of a Ship for the  
Purpose of Calculating Its Resistance  
to Friction, by Robert-Jean Balquet, 3 pp.  
FRENCH, per, Comptes Rendus, Vol CCL,  
No 23, 1960, pp 3773-3775.

Navy 2732/NRL 827

Aerodynamics and the Art of the Engineer,  
by T. von Karman.

FRENCH, per, Memoires de la Societe des  
Ingenieurs Civils de France, 1948,  
pp 155-178.

NRCC TT-894

Automatic Couplings, by Lasson.

FRENCH, per, Revue Generale des Chemins  
de Fer, Jan 1960, pp 42-47.

\*BTC 124

Trial for a Definition of Drawability,  
by J. Pomey, et al.

FRENCH, per, Revue Metallurgie Memoires  
Sc, Oct 1960, pp 741-754.

\*BISI 2008

Sliding Surfaces on the Principle of  
Liquid Circulation Between Surfaces of  
Friction Members, by Girard, 8 pp.  
FRENCH, Patent No 26,979.

US Dept of Commerce  
Patent Office  
Sci Lib

Scientific  
Engineering (Contd)

Gear Shift and Backpedalling Brake  
Mechanism, by Charles Sangster,  
Thomas Brock, 14 pp.  
FRENCH, Patent No 372,921.

US Dept of Commerce  
Patent Office  
Sci Lib

Multiple Purpose Manual Lever, by  
Andre Jacquesson, 4 pp.  
FRENCH, Patent No 815,496..

(See above)

New Anthraquinone Vat Dyes, 7 pp.  
FRENCH, Patent No 916,194.

(See above)

Power Transmission, 9 pp.  
FRENCH, Patent No 1,045,031.

(See above)

Pipe Joint For Rapid Assembly, by  
Georges Mulard, 4 pp.  
FRENCH, Patent No 1,078,733.

(See above)

Internal Shaft Rotating Piston Machine,  
by Felix Wankel, 6 pp.  
FRENCH, Patent No 1,125,876.

(See above)

Ionic Thermo Generator, by J. Casanova,  
7 pp.  
FRENCH, Patent No 1,161,079, 20 Aug 1958.

AEC Tr-4184

Practical Experience in the Vacuum  
Degassing of Open-Hearth Steel Heats,  
by H. J. Darmann.  
GERMAN, per, Berg- und Huttenmannische  
Monatshefte, No 6, 1960, pp 144-151.

HB 4895

Fundamentals on the Degassing of Steel  
by the Closed-Circuit Process, by  
H. Maas.  
GERMAN, per, Berg-und Huttenmannische  
Monatshefte, No 6, 1960, pp 151-157.

HB 4896

Some Observations on Steels Remelted in  
Vacuum-Arc Furnace, by G. Ogiermann.  
GERMAN, per, Berg- und Huttenmannische  
Monatshefte, No 6, 1960, pp 157-161.

HB 4897

Scientific  
Engineering (Contd)

Contribution to the Knowledge of  
Bixin, by Karl G. Zwick, 2 pp.

GERMAN, per, Berichte der Deutschen  
Chemischen Gesellschaft, Vol XXX,  
1897, p 1972.

US Dept of Commerce  
Patent Office  
Sci Lib

Tests on Mortars for Free-Standing  
Chimneys, by A. Hummel.

GERMAN, per, Fortschr und Forschungen  
im Bauwesen, Ser D., No 24, 1956, pp 5-14.

NRCC TT-886

Tests on Masonry Mortars, by A. Hummel,  
K. Wesche.

GERMAN, per, Fortschr. u Forschungen im  
Bauwesen, Ser. D., No 24, 1956, pp 15-31.

NRCC TT-887

Current Loss in Crooked Pipes, by H. Nippert.

GERMAN, per, Forschungsarbeiten auf dem  
Gebiete des Ingenieurwesens, No 320, 1929,  
65 pp.

\*AEC

Pressure Drop in Curved Smooth Pipe Lines,  
by Hugo Richter.

GERMAN, per, Forschungsarbeiten auf dem  
Gebiete des Ingenieurwesens, No 338, 1930,  
30 pp.

\*AEC

Stresses in Wheels. Part II, by Prigge.

GERMAN, per, Glaser's Annalen, Apr 1959,  
pp 132-136.

\*BTC 114

Material Stressing and Work Required in  
Right-Angled Cold Bending of Sheet in  
Presses, Bending-Off Machines and  
Sectioning Machines, by H. Makelt.

GERMAN, per, Industrie-Anzeiger, 29 Mar  
1960, pp 17-24.

BISI 1951

Stresses in Shrinkfits, by Peiter.

GERMAN, per, Konstruktion, Vol X, No 10,  
1958, pp 411-416.

\*BTC 125

Scientific  
Engineering (Contd)

The Prediction of Performance  
of Exhaust-Gas Turbines, by  
W. Vogel.

GERMAN, per, Motortechnische Z.,  
1953, pp 149-155.

BICERA 54/T4 OT/3841  
Ministry of Aviation  
TILI 1 (a)  
First Avenue House  
High Holborn  
London, WC.1, England

The Theory of the Helical Antenna,  
by W. Peters.

GERMAN, per, NTZ Nachr. Techn Z.,  
Vol XI, No 8, 1958, pp 405-410.

NRCC TT-813

Problems of Welding High-Tensile  
Structural Steels, by H. J. Wiester.

GERMAN, per, Schweissen und Schneiden,  
No 10, 1957, pp 465-468.

BISI 1901

The Krupp Direct Process, by Friedrich  
Johannsen.

GERMAN, per, Stahl und Eisen, Vol LIV,  
No 2, 1934, pp 969-976.

Dept of Interior  
TN7 E57 No 265

Fractures of Crane Hooks and Ladle  
Hangers and Measures for Their  
Prevention, by G. Will.

GERMAN, per, Stahl und Eisen, 12 Aug  
1954, pp 1062-1069.

\*BISI 2001

Directing, Controlling, Storing,  
Computing: Steps in the Development  
of Drive Mechanisms Towards Automation  
of Rolling Mills, by H. Opitz.

GERMAN, per, Stahl und Eisen, 14 Apr  
1960, pp 503-507.

BISI 1717

Control of Cooling Beds and Cooling-  
Bed Shears, by H. G. Vogelsang.

GERMAN, per, Stahl und Eisen,  
4 Aug 1960, pp 1067-1072.

BISI 1885

Hardness Penetration in Cold Rolls  
During Flame-Hardening, by A. Rose,  
L. Rademacher.

GERMAN, per, Stahl und Eisen, 18 Aug  
1960, pp 1148-1160.

BISI 1931

Scientific  
Engineering (Contd)

Development of a Ribbed Steel Bar  
for Concrete Reinforcement, by  
W. Janiche.

GERMAN, per, Stahl und Eisen,  
1 Sep 1960, pp 1185-1194.

BISI 1926

Vacuum Continuous Furnace for  
the Heat Treatment of Metals and  
Alloys, by H. Baumann, F. Krall.  
GERMAN, per, Stahl und Eisen, No 20,  
1960, pp 1337, 1338.

\*HB 5028

Economical Surface Treatment of Sheet  
(Grinding and Polishing), by  
B. Kleinschmidt.

GERMAN, per, Technik und Forschung,  
31 Aug 1960, pp 498-500.

BISI 1969

A New Mechanical Strain Gauge for  
Measuring Forces in the Forming of  
Metals, by F. Faulhaber.

GERMAN, per, Verein Deutscher  
Ingenieure Z, Mar 1960, pp 262-264.

BISI 1946

Resistance of Seamless and Welded  
Tubing to Alternate Stresses, by  
E. A. Cornelius.

GERMAN, per, Verein Deutscher  
Ingenieure Z, 1 Jun 1960, pp 646-650.

\*BISI 1994

Improvements in the Electron-Coupled  
Mass Spectrography of Polyatomic  
Molecules, by M. Ardenne.

GERMAN, per, Z fuer Angewandte Physik,  
No 4, 1949, pp 121-131.

\*ATIC MCL-818/1

Contribution to the Problem of Cold  
and Hot Hardening on the Basis of  
Thermoelectric Investigations, by  
A. Durer, W. Koster.

GERMAN, per, Z fuer Metallkunde,  
Vol XXX, No 9, 1938, pp 311-319.

TIL T 5036



Scientific  
Engineering (Contd)

Device for Reducing Gun Recoil by  
Means of Explosive Gases, by  
Charles De Nottbeck, 2 pp.  
GERMAN, Patent No 53,856.

US Dept of Commerce  
Patent Office  
Sci Lib

Flexible Electrical Line, Particularly  
Telephone Cord, by Wilhelm Hoffmann,  
2 pp.  
GERMAN, Austrian, Patent No 116,651.

(See above)

Optical Device for Inspecting Difficultly  
Accessible Objects, e.g. in Hollow  
Spaces in Particular for the Examination  
of Body Cavities, With the Use of Light  
Ducts, by Franz Stemberger, 9 pp.  
GERMAN, Austrian, Patent No 179,905.

(See above)

Apparatus for Producing Screw Threads  
by Rolling, by Wilhelm Fette, 10 pp.  
GERMAN, Austrian, Patent No 179,953.

(See above)

Device for Intermittent Feed of Paper  
or Cardboard Strips in Automatic  
Punch and Press Machines, 6 pp.  
GERMAN, Patent No 376,677.

(See above)

Process for Producing Priming Compositions  
for Percussion Caps or the Like, by von  
Edmund Herz, 4 pp.  
GERMAN, Patent No 377,269.

(See above)

Device for Intermittent Feed of Endless  
Paper, Cardboard and Similar Webs, 6 pp.  
GERMAN, Patent No 496,822.

(See above)

Internal Combustion Engine With Double-  
Acting Piston and Lateral Slot in  
Cylinder, by Adolph Roth, 4 pp.  
GERMAN, Patent No 830,585.

(See above)

Arrangement for Temperature Regulation,  
14 pp.  
GERMAN, Patent No 894,633.

(See above)

Scientific  
Engineering (Contd)

Nozzle for Expanding Gases or Steam,  
by Joseph Aron M. Chalom, 5 pp.  
GERMAN, Patent No 897,568.

US Dept of Commerce  
Patent Office  
Sci Lib

Thread Rolling Apparatus, 6 pp.  
GERMAN, Patent No 959,999.

(See above)

Electrical Pulse Fishing Method, by  
Luciano Reali, 7 pp.  
ITALIAN, Patent No 486,564.

(See above)

A Method of Determining the Size of  
Vents [to Prevent Smoke Blocking  
Passages in Burning Building],  
by S. Yokoi.  
JAPANESE, per, Building Eng. No 95,  
1959, pp 46-52.

NRCC TT-884

Studies on Heat Transfer in Multistage  
Fulidised Beds, by I. Muchi, K. Ozaki,  
et al.  
JAPANESE, per, Kagaku Kogaku, Vol XXIV,  
No 2, 1960, pp 70-80.

\*AERE, Harwell

Automatic Train Controller Test, Part 2  
-- Cab Signal and Automatic Control Test.  
JAPANESE, per, Tetsudo Gijutsu Kenkyu  
Shiryo, 25 Aug 1960, pp 25-27.

USACRAPAC, PD  
Tr No 102744

Results of Endurance Test of TRE-16  
Train Storage Batteries Procured in 1954,  
Rpt 4.  
JAPANESE, per, Tetsudo Gijutsu Kenkyu  
Shiryo, 25 Jul 1960, p 28.

USACRAPAC, PD  
Tr No 102743

Recent Soviet Research on the Brake (3).  
JAPANESE, per, Tetsudo Gijutsu Kenkyu  
Shiryo, 25 Jul 1960, p 29.

USDA

Testing of the Automatic Train Controller.  
JAPANESE, per, Tetsudo Gijutsu Kenkyu  
Shiryo, 25 Jul 1960, pp 29, 30.

USACRAPAC, PD  
Tr No 102743

Scientific  
Engineering (Contd)

Application of Experimental  
Design in JNR, 1959.  
JAPANESE, per, Tetsudo Gijutsu  
Kenkyu Shiryo, 25 Aug 1960,  
p 31.

USACRAPAC, PD  
Tr No 102744

The Position of the Neutral Angle in  
Hot and Cold Rolling Processes, by  
Z. Wusatowski.

POLISH, per, Archiwum Gornictwa i  
Hutnictwa, No 1, 1955, pp 11-42.

\*BISI 2005

Automatic Control of Production Processes  
in Iron- and Steelworks, by S. Edling.  
SWEDISH, per, Jernkontorets Annaler,  
No 8, 1959, pp 457-486.

BISI 1884

Isothermal Transformation Diagrams for  
Some Standardized Swedish Case-Hardening  
Steels, by G. Molinder.  
SWEDISH, per, Jernkont Tekh Rad, Vol XX,  
No 260, 1960, pp 711-722.

BISI 1957

Deflection Characteristics of Woodjoist  
Floors, by H. Hansen.

SWEDISH, per, Norges Byggeforsknings-  
institut, Rapport, No 26, 1958, 34 pp.

NRCC TT-883

Studies of Manual Control With Pitching  
in Direct Attack. Effect of Low-Pass  
Filtering and Quickening of Control In-  
formation on the Precision of Control, by  
Lennart Nordstrom, 60 pp.  
SWEDISH, rpt, Svenska Aeroplan Aktiebolaget  
Lincoping, Report R-S2-10-R1, 15 June 1960.

Navy 2733/XRL 829

Scientific  
Engineering (Contd)

The Compacted Snow Road, I. Properties  
of Snow, by R. Eriksson.

SWEDISH, per, Svenska Skogsvards-  
foreningens Tidskrift, No 2, 1954,  
pp 157-188.

NRCC TT 849

Archer's Bow, 6 pp.  
SWEDISH, Patent No 135,902.

US Dept of Commerce  
Patent Office  
Sci Lib

Air Intake Arrangement for Reaction-  
Engine Driven Supersonic Aircraft, by  
S. G. Magnusson, 6 pp.  
SWEDISH, Patent No 140,860.

(See above)

Electric Fishing Method Using Short-  
Duration DC Pulses, by E. R. Fahlstrom,  
C. C. Kreutzer, 5 pp.  
SWEDISH, Patent No 159,478.

(See above)

Rail Anchor Preventing Rail Creepage,  
by Franz Paulus, 4 pp.  
SWISS, Patent No 178,151.

(See above)

Loading Platform, 6 pp.  
GERMAN, Swiss, Patent No 267,550.

(See above)

Scientific  
Fuels

Solid Gasoline (Its Transport, Storage, and Use), by V. I. Losev, M. S. Komskiy, M. A. Troyanskaya.

RUSSIAN, pamphlet, publ by Gostoptekhhizdat State Sci Tech Publ House for Lit on Petroleum and Furnace Fuel, 1959.

Navy 2618/ONI 717

Report on the Thermal Distortion of Fuel Elements in a Cluster, by B. Bailly du Bois, 12 pp.

FRENCH, bk, Note sur la Distorsion Thermique des Elements de Combustible en Grappe, 8 Aug 1959, 16 pp.

AEC Tr-4178

Covering Peak Gas Loads by the Addition of Oil to the Coking Blends, by W. Ruschmann.

GERMAN, per, Technische Mitteilungen, Vol XLVIII, No 5, 1955, pp 176-183.

National Coal Bd  
Tr A 1273/SEH  
US Bur of Mines  
Pittsburgh, Pa

Scientific  
Geophysics

The Basic Problems of the Dynamic Theory of Baroclinic Layer of the Sea, by P. S. Linein, RUSSIAN, bk, pp 1-140.

\*Navy/HO 116

Water Masses of the Arctic Basin, by V. T. Timofeyev.  
RUSSIAN, pamphlet, publ by Hydrometeorological Publ House, Leningrad, 1960, pp 1-192.

Navy 2729/HO 118

Magmatic Geology of the Front Ridge of the Northwestern Caucasus, by A. A. Kadenskiy.  
RUSSIAN, bk, Geologicheskoy Musei imeni A. P. Karpinskiy, Ak Nauk SSR, 1956.

US Geological Survey  
Denver, Colo

Investigation of the Ionosphere in Kharkov During the IGY, by N. T. Kashcheyev, N. T. Tsymbal, V. G. Proshkin, 12 pp.  
RUSSIAN, rpt, Issledovanie Ionosfery nad Khar'kovom v Period Mezhdunarodnogo Geofizicheskogo Goda.

Amer Meteorol Soc  
AF Cambridge Res Cen

Zoogeography of the Ocean Abyss (Bottom Fauna), by N. G. Vinogradova, 31 pp.  
RUSSIAN, bk, Itogi Nauki, 1959, pp 148-165.

JPRS 5765

Vertical Zonality in the Distribution of Deep-Sea Fauna, by N. G. Vinogradova, Ya. A. Birshteyn, M. Ye. Vinogradov, 43 pp.  
RUSSIAN, bk, Itogi Nauki, 1959, pp 166-187.

JPRS 5765

Some Ecological Features of Deep-Sea Bottom Invertebrates, by M. N. Sokolova, 36 pp.  
RUSSIAN, bk, Itogi Nauki, 1959, pp 188-203.

JPRS 5765

Diurnal Migrations of Deep-Sea Zooplankton, by M. Ye. Vinogradov, 30 pp.  
RUSSIAN, bk, Itogi Nauki, 1959, pp 204-220.

JPRS 5765

Results of Investigations of the Effect of Zooplankton and Fishes on the Scattering and Absorption of Sound in Sea Water, by K. V. Beklemishev, 74 pp.  
RUSSIAN, bk, Itogi Nauki, 1959, pp 221-257.

JPRS 5765

Scientific  
Geophysics (Contd)

Pogonophora and Their Distribution, by A. V. Ivanov, 47 pp.

RUSSIAN, bk, Itogi Nauki, 1959, pp 258-284.

JPRS 5765

Deep-Sea Fishes, by T. S. Rass, 57 pp.

RUSSIAN, bk, Itogi Nauki, 1959, pp 285-315.

JPRS 5765

Polymineralic Pseudomorphs After Ludwigite, by V. A. Pavlov.

RUSSIAN, bk, Ocherki Osadochnykh Mestorozhdenii Poleznykh Iskopaemykh, 1958, pp 43-46.

US Geological Survey  
Denver, Colo

Initial Results of Radio-Technical Observations of Drifts of Ionospheric Irregularities (Winds) at Altitudes of 200-300 km Over Ashkhabad), by N. M. Erofeyev, G. G. Dzhemilev, V. P. Perelygin, 7 pp.

RUSSIAN, rpt, Pervye Rezul'taty Radiotekhnicheskikh Nabliudeniia Dvizhenii Neodnorodnostei v Ionosfere (Vetrov) Pod Ashkhabadam na Vysotakh 200-300 km.

Amer Meteorol Soc  
AF Cambridge Res Cen

Measurement of Humidity From an Airplane Using a Condensation Hygrometer, by V. A. Zaytsev, A. A. Ledokhovitch, (SF-1458).

RUSSIAN, bk, Pribory i Metodika Issledovaniya Oblakov s Samoleta, Chap III, 1960, pp 40-58.

\*JPRS

Measurement of the Water Content of Clouds and Fogs (Measurement of Water Content by the Method of Condensation of Droplets), by V. A. Zaytsev, A. A. Ledokhovitch, (SF-1458).

RUSSIAN, bk, Pribory i Metodika Issledovaniya Oblakov s Samoleta, Chap VI, 1960, pp 106-133.

\*JPRS

Report on Scientific Work in Meteorology and Physics of the Atmosphere 1957-1959, 182 pp.

RUSSIAN, bk, Soobshcheniye o Nauchnykh Rabotakh po Meteorologii i Fizike Atmosfery, 1957-1959, 1960, pp 1-204.

JPRS 7455

Scientific  
Geophysics (Contd)

Winter Cooling of Arctic Fields, by A. A. Drogaitsev.

RUSSIAN, per, Ak Nauk SSSR, Problemy Severa, Vol I, 1958, pp 42-51.

\*Navy/HO 72

Effect of High Pressures on the Molecular Structure of Coals, by L. L. Razumova, et al. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIII, No 6, 1955, pp 1033, 1034.

US Geological Survey  
Denver, Colo

Bertrandite From Kounrad Granite Massif in Central Kazakstan, by F. V. Chukrov, Smolianinova. RUSSIAN, per, Dok Ak Nauk SSSR, Vol CVII, No 7, 1956, pp 579, 580.

US Geological Survey  
Denver, Colo

An Analysis of Meteorological and Aerological Data With the Aid of An Electronic Computer, by V. V. Bykov, G. P. Kurbatkin, (NY-5659). RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5, 1960, pp 1065-1068.

\*JPRS

Error Due to an Inclined Horizontal Axis of the Bamberg Portable Broken-Telescope Transit, 9 pp. RUSSIAN, per, Geodezist, No 7-8, 1926, pp 2-8.

JPRS R-104-N/8

Vertical Control in Topographical Surveying, 4 pp. RUSSIAN, per, Geodezist, No 7-8, 1926, pp 46-49.

JPRS R-104-N/11

Barometric Leveling by Airplane, 3 pp. RUSSIAN, per, Geodezist, No 11-12, 1931, pp 17-19.

JPRS R-109-N/60

Geochemical Peculiarities of Secondary Alterations of Ludwigite Ores, by S. M. Alesandrov. RUSSIAN, per, Geokhim, No 2, 1959, pp 171-177.

US Geological Survey  
Denver, Colo

Experimental Development of Theoretical Principles of Geochemical Methods of Prospecting for Non-Ferrous Ores and Rare Metals, by I. I. Ginzburg. RUSSIAN, per, Gosgeoltekhizdat, 1957.

US Geological Survey  
Denver, Colo

Organic Substance in the Cretaceous Beds of North Kobystan, by K. A. Ismailov.

RUSSIAN, per, Iz Ak Nauk Azerbaydzhanskoy SSR, No 3, 1957, pp 87-95.

US Geological Survey  
Denver, Colo



Scientific  
Geophysics (Contd)

Initiation of Complex Investigations of Thunderstorm Processes in the Azerbaydzhan SSR, by A. S. Alizade, (SF-1380).

RUSSIAN, per, Iz Ak Nauk Azerbaydzhan SSR, Ser Fiz-Matemat i Tekh Nauk, No 2, 1960, pp 101-106.

\*JPRS

Method of Controlling the Sensitivity and Determination of Frequency and Amplitude Responses of Seismic Receiving Channels With the Aid of Magneto-Electric Generator, by N. E. Fedoseyenko, G. V. Groshevoi.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 5, 1953, pp 424-428.

US Geological Survey  
Denver, Colo

Vertical Fluctuations in the Temperature of the Water in the Black Sea, by N. T. Glinsky, 8 pp.  
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 5, 1960, pp 688-697.

DSI 643

Calculation of the Possible Dimensions of Waves in Atlantic Hurricanes, by V. V. Shulyeykin, 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 7, 1960, pp 1013-1021.

JPRS 6586

Frequency Spectra and Probability Distribution Functions of the Vertical Component of Wind Velocity, by A. S. Guryich, 24 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 7, 1960, pp 1042-1055.

JPRS 6586

On the Extent of the Effect of Cosmic Dust on Certain Actinometric Characteristics of the Atmosphere, by A. A. Dmitriyev, (NY-5632).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10, 1960, pp 1518-1528.

\*JPRS

A Contribution Toward the Construction of a Model of the Atmosphere, by A. D. Bolyunova, (NY-5632).

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10, 1960, pp 1529-1533.

\*JPRS

Scientific  
Geophysics (Contd)

On the Absorption of Solar  $H_L$  Radiation in the Earth's Atmosphere, by V. V. Katyushina, (NY-5632). RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10, 1960, pp 1549-1552.

\*JPRS

Chemical Properties of Solutions Arising as a Result of the Interaction of Water With Rocks at Elevated Temperatures and Pressures, by N. I. Khitarov. RUSSIAN, per, Khimiya, No 6, 1957, pp 481-492.

US Geological Survey  
Denver, Colo

Measuring the Intensity of Precipitation by Radar, by V. M. Muchnik, 7 pp. RUSSIAN, per, Met i Gid, No 7, 1958, pp 50-54.

Amer Meteorol Soc  
AF Cambridge Res Cen

Several Characteristics of Turbulence and the Temperature Field Over Mountains, by S. M. Shmeter, 9 pp. RUSSIAN, per, Met i Gid, No 3, 1960, pp 11-17.

Amer Meteorol Soc  
AF Cambridge Res Cen

The Soviet Cloud Atlas and a Classification of Cloud Forms, by A. Kh. Khrgian, 8 pp. RUSSIAN, per, Met i Gid, No 3, 1960, pp 53-56.

Amer Meteorol Soc  
AF Cambridge Res Cen

Ultra-Cirrus Clouds, by A. D. Zamborskiy, 5 pp. RUSSIAN, per, Met i Gid, No 4, 1960, pp 26-28.

Amer Meteorol Soc  
AF Cambridge Res Cen

The Vertical Extent of Upper-Layer Clouds, by A. M. Baranov, 3 pp. RUSSIAN, per, Met i Gid, No 6, 1960, pp 25, 26.

Amer Meteorol Soc  
AF Cambridge Res Cen

Measurement of Direction and Speed of Sea Currents From Shore, by M. P. Chernyshev, 3 pp. RUSSIAN, per, Met i Gid, No 6, 1960, pp 35-37.

DSI 648

Method of Calculating the Temperature of the Water in the Upper Layer of the Sea in the Warm Part of the Year, by N. A. Belinskiy, M. G. Glagoleva, 13 pp. RUSSIAN, per, Met i Gid, No 7, 1960, pp 14-21.

JPRS 7343

Scientific  
Geophysics (Contd)

Literature on Meteorology, Hydrology, and  
Oceanography in 1959, 18 pp.  
RUSSIAN, per, Met i Gid, No 7, 1960, pp 51-55.

JPRS 7258

On Ways of Improving the Method of Processing  
Signals From the A-22-III Radiosonde, by R. O.  
Tydel'skaya, (SF-1379).  
RUSSIAN, per, Met i Gid, No 9, 1960, pp 35-38.

\*JPRS

Use of an Electron Machine for Forecasting Rain  
Floods, by G. P. Kalinin, (NY-5786).  
RUSSIAN, per, Met i Gid, No 12, 1960, pp 14-18.

\*JPRS

Study on the Surface Atmospheric Layer on  
Towers and Masts, by F. Ya. Klinov, (NY-5786).  
RUSSIAN, per, Met i Gid, No 12, 1960, pp 37-42.

\*JPRS

The First International Oceanographical Congress  
(New York, September 1959), by D. I. Shcherbakov,  
5 pp.  
RUSSIAN, per, Nauka i Zhizn', No 2, 1960,  
pp 53-58. 9073520

DSI 640

Coral Reefs of the High Latitudes, by N. I.  
Tarosov.  
RUSSIAN, per, Priroda, Vol XXXII, No 4, 1943,  
pp 65, 66.

US Geological Survey  
Denver, Colo

Microrelief Forms in the Tundras in Priamur'e,  
by V. B. Sochava.  
RUSSIAN, per, Priroda, No 5-6, 1944, pp 107-109.

Dept of Interior  
QE3 E57 No 11

The Round the World Voyage on the "Ob," by  
K. A. Brodskiy, 7 pp.  
RUSSIAN, per, Priroda, No 1, 1960, pp 75-82.  
9073512

DSI 649

Causes of Variation in the Water Temperature  
of the Nordkapp Current, by A. S. Denisov. 10 pp.  
RUSSIAN, per, Problemy Arktiki, No 5, 1958,  
pp 19-26.

Amer Meteorol Soc  
AF Cambridge Res Cen

Scientific  
Geophysics (Contd)

Disturbance of the Magnetic Field in Regions of Operations of Drifting Stations North Pole-3 and North Pole-4, by N. A. Milyayev, 10 pp. RUSSIAN, per, Problemy Arktiki, No 5, 1958, pp 73-80.

Amer Meteorol Soc  
AF Cambridge Res Cen

Deep Atlantic Waters as a Cause of Certain Features of the Polar Climate, by V. N. Kupetskiy, 13 pp. RUSSIAN, per, Problemy Arktiki, No 6, 1959, pp 13-21.

(see above)

The Waters of the East Greenland Current, by E. I. Chaplygin, 7 pp. RUSSIAN, per, Problemy Arktiki, No 6, 1959, pp 37-41.

(see above)

Certain Characteristics of the Radiation Balance in the Central Arctic, by N. N. Andreyev, B. A. Piatnenkov, 12 pp. RUSSIAN, per, Problemy Arktiki, No 7, 1959, pp 79-89.

(see above)

The Problem of the Albedo of the Surface of Drifting Ice, by N. N. Briazgin, 8 pp. RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1, 1959, pp 33-39.

(see above)

The Heat Flux of Evaporation From the Surface of the Ice Cover in the Central Arctic, by G. N. Yakovlev, 6 pp. RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1, 1959, pp 59-63.

(see above)

The Use of Aerial Photography in Ice Reconnaissance to Determine the Mean Thickness of the Ice Cover, by V. S. Loshchilov, 8 pp. RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1, 1959, pp 81-85.

(see above)

Microphysical Conditions for the Formation and Dissipation of Fog, by V. Ya. Nikandrov, 10 pp. RUSSIAN, per, Sbornik Statey Leningrad Glavnaya Geofiz Obser, Sovremennye Problemy Meteorol Prize Sloya Vozdukha, 1958, pp 180-186.

(see above)

Scientific  
Geophysics (Contd)

Temperature of the Active Surface and Its  
Bioclimatic Significance, by M. I. Budyko, 17 pp.  
RUSSIAN, per, Sbornik Statey Leningrad Glavnaya  
Geofiz Obser, Sovremennye Problemy Meteorol  
Prize Slova Vozdukha, 1958, pp 201-211.

Amer Meteorol Soc  
AF Cambridge Res Cen

The Three-Configuration Approximation for  
Beryllium-Type Atoms, by I. V. Batarunas, V. I.  
Kavetskis, A. P. Yutsis, 9 pp.  
RUSSIAN, per, Trudy Ak Nauk Litovskoy, Ser. B.,  
Vol III, 1955, pp 9-16.

(see above)

Theoretical Determination of the Fine Structure  
of Boron-Type Atoms, by I. I. Glembotskiy,  
I. T. Martishius, A. B. Bolotin, 4 pp.  
RUSSIAN, per, Trudy Ak Nauk Litovskoy, Ser. B.,  
No 2, 1956, pp 15-19.

(see above)

The Transparency of Ice to Ultraviolet Solar  
Radiation, by N. N. Kalitin, 16 pp.  
RUSSIAN, per, Trudy Arkticheskoy Inst, Vol XXXIX,  
1936, pp 55-70.

(see above)

Experience in the Aerological Investigation of  
the Lower Layer of the Atmosphere in the Azau  
Valley, by P. A. Vorontsov, et al, 75 pp.  
RUSSIAN, per, Trudy Glavnoy Geofiz Observ imeni  
A. I. Voyeykova, No 63(125), 1956, pp 138-167.

JPRS 7485

Characteristics of Heat and Moisture Balances  
on the Territory of China, by Ying Tsun-chao,  
94 pp.  
RUSSIAN, per, Trudy Glavnoy Geofiz Observ imeni  
A. I. Voyeykova, No 92, 1959, pp 50-100.

JPRS 7185

Magnetic Properties of Rocks of Armenia, by Ts.  
G. Akopian.  
RUSSIAN, per, Trudy Inst Geofiz Ak Nauk Gruzinskoy  
SSSR, Vol XIV, 1955, pp 61-75.

US Geological Survey  
Denver, Colo

Recent Sediments and Geology of the Lake Balkhash,  
by D. G. Sapozhnikov.  
RUSSIAN, per, Trudy Inst Geolog Nauch Ak Nauk  
SSSR, Vol CXXXII, No 53, 1951.

US Geological Survey  
Denver, Colo

Scientific  
Geophysics (Contd)

Composition and Consitions of Sedimentation of the Supra-Karaganda, Dolina, Supra-Dolina and Shakhan Suites of the Karaganda Basin (Kazakhstan), by V. V. Koperina.

RUSSIAN, per, Trudy Lab Geol Uglia, No 4, 1956, pp 5-102. (pp 50-61 translated)

US Geological Survey  
Denver, Colo

Radiation Balance in the Primorskiy Kray Region (Maritime Territory USSR), by E. K. Verle, G. V. Svinukhov, 18 pp.

RUSSIAN, per, Trudy Leningrad Dal'nevostochnyi Nauchno-Issled Gid Inst, No 6, 1958, pp 30-43.

Amer Meteorol Soc  
AF Cambridge Res Cen

The Effect of Advection Upon the Intensity of the Melting of Snow, by D. L. Laikhtman, L. A. Kliuchnikova, 9 pp.

RUSSIAN, per, Trudy Leningrad Glavnaya Geofiz Observ, No 60(122), 1956, pp 32-39.

(see above)

Calculating the Depth of Frost-Penetration in Soil and the Temperature of the Frost-Penetrated Soil, by F. N. Shekhter, 20 pp.

RUSSIAN, per, Trudy Leningrad Glavnaya Geofiz Observ, No 77, 1958, pp 7-19.

(see above)

Late Mesozoic Intrusions of the Central Sikhote-Alin and the Mineralization Related to Them, by E. P. Izokh, et al.

RUSSIAN, per, Trudy Vses Geol Inst, Vol XXI, 1957, pp 213-215.

US Geological Survey  
Denver, Colo

Cosmic Rays and Cosmic Space, by S. N. Vernov, 23 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 8, 1960, pp 10-26.

JPRS 6301

General Assembly of the International Union of Geodesy and Geophysics, by Yu. D. Bulanzhe, (SF-1440).

RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960, pp 88-93.

\*JPRS

Scientific  
Geophysics (Contd)

The Influence of Atlantic Waters on the Upper Levels of the Arctic Seas, by F. I. Eskin, 11 pp.  
RUSSIAN, per, Vest Leningrad U., No 6, 1960, pp 153-158.

Amer Meteorol Soc  
AF Cambridge Res Cen

Ludwigite From Polar Yukutia, by V. A. Vakar, E. V. Knipovich, I. I. Shafranovskiy.  
RUSSIAN, per, Zapiski Vses Mineral Obshch, Vol LXIII, 1934, pp 381-385.

US Geological Survey  
Denver, Colo

Bacteriological Investigation of Clouds and Aerial Masses of Different Origin, by Al. G. Kishko.  
RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol, No 12, 1960, pp 90-94.

\*USDA

Development of Geodesy in the Bulgarian Academy of Sciences, by Vl. K. Khristov, (NY-5714).  
BULGARIAN, per, Izvestiya na Tsentralnata Laboratoriya po Geodeziya, Vol II, 1959, pp 1-6.

\*JPRS

Radionavigation Map Grids, by B. Rogev, (NY-5714).  
BULGARIAN, per, Izvestiya na Tsentralnata Laboratoriya po Geodeziya, Vol II, 1959, pp 127-157.

\*JPRS

Temperature Conditions of the Rivers of the Bulgarian People's Republic, by Al. Petkov, (DC-5231).  
BULGARIAN, per, Khidrologiya i Meteorologiya, No 5, 1960, pp 28-36.

\*JPRS

Cold Fronts From the Western Quadrant and Conditions Leading to Frontogenesis or Frontolysis Over the Balkan Peninsula, by M. Martinov, (DC-5231).  
BULGARIAN, per, Khidrologiya i Meteorologiya, No 5, 1960, pp 51-60.

\*JPRS

Forecasting Method for Floes and Freezing in the Yellow River (Inner Mongolia Section), by Yao Hung-chu, Teng Ku-lin, Huang Wen-hsien, 42 pp.  
CHINESE, per, Shiu-wen Yueh-k'an, No 5, 1959, pp 13-21.

JPRS 7178

Scientific  
Geophysics (Contd)

Soil Moisture Problems of the North China Area,  
by Feng Ch'ao-lin, Chen Ling-i, (DC-5188).

CHINESE, per, T'u-jang Hsueh-pao, Vol IV, No 2,  
Mar 1958, pp 1-24.

\*JPRS

Soil Studies in the Yellow River Valley, by  
Hsiung I, Hsi Ch'eng-fan, Chang T'ung-liang,  
Wang Tsun-ch'in, Chao Chung-wu, (DC-5188).

CHINESE, per, T'u-jang Hsueh-pao, Vol IV, No 2,  
Mar 1958, pp 25-42.

\*JPRS

Certain Problems of the Development of Soils  
in the Red-Colored Weathering Crust in Georgia  
and South China, (DC-5188).

CHINESE, per, T'u-jang Hsueh-pao, Vol IV, No 2,  
Mar 1958, pp 44-52.

\*JPRS

Vertical Distribution and Basic Characteristics  
of Soil at Huang-shan, by T'i Ch'ang-ta,  
Wen Chen-wang, Chang Ssu-min, Fang Wen-che,  
Mao Mo-yung, (DC-5188).

CHINESE, per, T'u-jang Hsueh-pao, Vol IV, No 2,  
Mar 1958, pp 54-63.

\*JPRS

A Method of Improving Sand Mulch in Kansu,  
by Lu Chung-shu, Chen Pang-yu, T'ien Ch'un-ju,  
(DC-5188).

CHINESE, per, T'u-jang Hsueh-pao, Vol IV, No 2,  
Mar 1958, pp 65-69.

\*JPRS

A Study of the Hydrometer Method Concerning  
Mechanical Soil Analysis, by Teng Shih-ch'in,  
Hsia Chia-ch'i, Hsiung I, (DC-5188).

CHINESE, per, T'u-jang Hsueh-pao, Vol IV, No 2,  
Mar 1958, pp 70-83.

\*JPRS

Conference Report, by T'an Hsiao-yuan, (DC-5188).

CHINESE, per, T'u-jang Hsueh-pao, Vol IV, No 2,  
Mar 1958, pp 84-88.

\*JPRS

Surface Currents.

GERMAN, bk, Handbuch der Westkuste Afrikas,  
No 1, Hamburg, 1960, pp 146-150.

Navy 2728/HU 117



Scientific  
Geophysics (Contd)

Cloud Series Photograph IV - A Symmetrical Cumulonimbus, by K. H. Knoll, H. G. Neumann, J. H. Reuss, 17 pp.  
GERMAN, per, Beitrage zur Physik der Atmosphere, Vol XXXII, No 1/2, 1959, pp 65-77.

Amer Meteorol Soc  
AF Cambridge Res Cen

Evaluating Cloud Photographs Using Electronic Computers, by H. Schulz, 7 pp.  
GERMAN, per, Beitrage zur Physik der Atmosphere, Vol XXXII, No 1/2, 1959, pp 78-83.

(see above)

Determination of Sonar Conditions in the Sea With the Aid of Water Temperature Measurements Carried Out From U-Boats by Means of S-Apparatus.  
GERMAN, per, Oberkommando der Kriegsmarine, (Revised by Deutscher Seewarte, 1943), pp 1-11.

Navy 2730/HO 119

On Geometric Rock Analysis, by A. Rosiwal.  
GERMAN, per, Verhandlungen der Kaiserlich-Koeniglichen Geologischen Reichsanstalt, No 5/6, 1898, pp 143-175.

RAE 871

Quick Soils and Flow Movements in Landslides, by E. Ackermann.  
GERMAN, per, Z. Der Deutschen Geolog Gesellschaft, Vol C, 1948, pp 163-182.

NRCC TT-839

Measurement of Elevations During the Summer 1959 Operations of the International Glaciological Greenland Expedition (EGIG), by H. Maelzer, 23 pp.  
GERMAN, per, Z. fuer Vermessungswesen, Vol LXXXV, No 8, 1960, pp 275-286. (Call No GL-B-644.7001, Eng Tr).

AMS

Hungarian Summarizes IGY Findings on Terrestrial Magnetism, by Gyorgy Barta, 16 pp.  
HUNGARIAN, per, Fizikai Szemle, Vol X, No 10, 1960, pp 291-298.

JPRS 6604

Development of Pressure Wave by Air Explosion, by J. Galfi, F. Gellert, L. Sedy, 5 pp.  
HUNGARIAN, per, Geofizikai Kozlemenyek, Vol IV, No 2, 1955, pp 41-44.

AEC SCL T-330

Scientific  
Geophysics (Contd)

Air Pollution and Sunshine in the Industrial Region of Upper Silesia, by J. Paszynski, (NY-5646).

HUNGARIAN, per, Idojaras, Vol LXIV, No 3, May-Jun 1960, p 143.

\*JPRS

A Survey of Hydrology in the Soviet Union, by Woldemar Laszloffy, 70 pp.

HUNGARIAN, per, Vizugyi Kozlemenyek, No 3, 1960, pp 360-397.

JPRS 6603

Report on Geological Survey for Excavation of Long Tunnels on the New Trunk Line.

JAPANESE, per, Tetsudo Gi-jutsu Kenkyu Shiryo, 25 Jul 1960, p 22.

USACRAPAC, PD  
Tr No 102743

Organization of the Hydrological Service and Hydrological Studies in the Soviet Union, by Z. Kaczmarek, 10 pp.

POLISH, per, Przegląd Geofizyczny (d. Przegląd Meteorologiczny i Hydrologiczny), No 1, 1960, pp 77-82.

JPRS 6420

Geophysical Formation, Surface Features, Soil and Subsoil, 23 pp.

PORTUGUESE, per, Imperio Ultramarino Portugues, Vol II, 1951, pp 330-347. (Call No DP 517.G18, Eng Tr).

AMS

The Compacted Snow Road. II. Climatic Considerations, by B. H. Ager.

SWEDISH, per, Svenska Skogsvarvsforeningens Tidskrift, No 2, 1955, pp 201-227.

NRCC TT-816

Scientific  
Mathematics

A Guide to Mathematical Tables, by A. V. Lebedev, R. M. Fedorova, 586 pp.  
RUSSIAN, bk.

PP

Concerning the Error of Closure of a Trigonometric Traverse, 6 pp.  
RUSSIAN, per, Geodezist, No 7/8, 1926, pp 9-12.

JPRS R-104-N/9

Checking the Results Obtained by Gauss' Formula by Using Nomographs, 15 pp.  
RUSSIAN, per, Geodezist, No 3, 1927, pp 1-12.

JPRS R-105-N/7

The Application of Nomography to Geodesy, 11 pp.  
RUSSIAN, per, Geodezist, No 4, 1927, pp 14-23.

JPRS R-105-N/12

The Problem of the Use of Nomography in Geodesy, 8 pp.  
RUSSIAN, per, Geodezist, No 12, 1927, pp 24-29.

JPRS R-105-N/41

Concerning the Distortion of Azimuth Angles in an Aerial Photography, 16 pp.  
RUSSIAN, per, Geodezist, No 12, 1929, pp 24-34.

JPRS R-107-N/70

A "Rigid Plumb" Line for Measurements of Angles by the Method of Three Tripods, 12 pp.  
RUSSIAN, per, Geodezist, No 8/9, 1930, pp 16-25.

JPRS R-108-N/57

Individual Adjustment of Angles and Lines in Theodolite Traverses by the Method of Least Squares, 16 pp.  
RUSSIAN, per, Geodezist, No 1, 1931, pp 13-23.

JPRS R-109-N/2

Finding Spherical Corrections for Zoldner Coordinates, 4 pp.  
RUSSIAN, per, Geodezist, No 1, 1931, pp 39, 40.

JPRS R-109-N/5

**Scientific  
Mathematics (Contd)**

Uniform Letter Symbols in Geodesy, 4 pp.  
RUSSIAN, per, Geodezist, No 1, 1931,  
pp 54-56.

JPRS R-109-N/9

Table of  $\delta$  Corrections, 5 pp.  
RUSSIAN, per, Geodezist, No 11/12, 1931,  
pp 56-59.

JPRS R-109-N/68

An Azimuthal Device, 4 pp.  
RUSSIAN, per, Geodezist, No 11/12, 1932,  
pp 89-91.

JPRS R-110-N/68

The Elevation Circle, 7 pp.  
RUSSIAN, per, Geodezist, No 3/4, 1933,  
pp 99-102.

JPRS R-111-N/19

Conversion of Coordinates of Triangulation  
Stations From the Walbeck Spheroid to the  
Bessel Spheroid, 5 pp.  
RUSSIAN, per, Geodezist, No 9/10, 1933,  
pp 41-43.

JPRS R-111-N/41

Evaluation of the Accuracy of the Elements  
of a Triangulation Net That Has Been Finally  
Adjusted, 42 pp.  
RUSSIAN, per, Geodezist, No 2, 1935,  
pp 8-36.

JPRS R-113-N/7

The Potenot Problem, 4 pp.  
RUSSIAN, per, Geodezist, No 5, 1935,  
pp 46-48.

JPRS R-113-N/26

A Practical Method of Determining Distortion  
on Maps, 13 pp.  
RUSSIAN, per, Geodezist, No 10, 1935,  
pp 49-57.

JPRS R-113-N/53

Mathematical Methods in Economics and Plan-  
ning, by V. S. Nemchinov, 9 pp.  
RUSSIAN, per, Vest Ak Nauk SSSR, No 8, 1960,  
pp 62-68.

JPRS 6301

Scientific  
Mathematics (Contd)

'Algol' -- On an Algorithmic Language for  
Describing Computer Processes, by M. R.  
Shura-Bura, (SF-1440).  
RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960,  
pp 94-97.

\*JPRS

Mathematical Logic as a Stage in the Develop-  
ment of Formal Logic, by A. L. Subbotin, 9 pp.  
RUSSIAN, per, Voprosy Filosofii, No 9, 1960,  
pp 93-99.

JPRS 6520

EL4: Choice of Principal Parameters, by B.  
Bailly du Beia, R. Naudet, 25 pp.  
FRENCH, bk, EL4: Choix des Principaux  
Parametres, 10 Mar 1960.

AEC Tr 4194

Practical Application of Mathematics in  
Hungary, by Gyorgy Hajos, 10 pp.  
HUNGARIAN, per, Magyar Tudomány, Vol V,  
No 9, 1960, pp 517-528.

JPRS 4257

A Mathematical Examination of a Monostable  
Multivibrator, 10 pp.  
UNKNOWN. 9658253

USASIA H-6544

Scientific  
Medicine

Methodological Instructions for Treatment  
by Ionized Air Therapy, by E. G. Baranova,  
P. K. Vulatov, L. L. Vasil'yev, 44 pp.  
RUSSIAN, pamphlet, publ House of Med Lit,  
Medgiz, Leningrad, 1957.

Navy 2719/CNI 723

Alcoholism and Neuro-Psychiatric Diseases,  
by S. D. Rasin, 38 pp.  
RUSSIAN, bk, Alkogolizm i Nervovo-Psykhicheskii  
Khvoroby, 1959, pp 1-39.

JPRS 7562

Electronics in Medicine, by V. A. Bykov,  
G. S. Novinskiy, G. M. Shalyt, (NY-5674).  
RUSSIAN, pamphlet, Elektronika v Meditsine,  
Vol VIII, No 21, 1960, 31 pp.

\*JPRS

Surgical Treatment of Mitral Stenosis, by  
A. N. Bakulev, 311 pp.  
RUSSIAN, bk, Khirurgicheskoe Lechenie  
Mitral'nykh Stenozov, 1958.

OTS 60-21162  
PL 480

Mycotoxicoses of Man and Agricultural  
Animals, by V. I. Bilay, 205 pp.  
RUSSIAN, bk, Mikoteksikozy Cheloveka i  
Sel'skokhozyaystvennykh Zhivotnykh, 1960,  
pp 3-167.

JPRS 7434

Sensitivity of the Nervous System to Low-  
Level Radiation, by M. N. Lovanov, I. N.  
Kondrat'eva, 16 pp.  
RUSSIAN, bk, O Chuvstvitel'nosti Nervnoi  
Sistemy k Slabym Radiatsionnym Vozdeistviyam,  
1959, 13 pp.

AEC Tr 4090

Neurohumoral Regulation of Cell Division,  
by V. M. Mastryukova, A. D. Strzhizhovskiy,  
12 pp.  
RUSSIAN, bk, O Neurogumoral'noi Regulyatsii  
Kletochnogo Deleniya, 1959, 9 pp.

AEC Tr 4089

The Health of the Very Young, by A. F. Tup,  
(SF-1432).  
RUSSIAN, bk, O Zdorov'ye Samykh Malen'kikh,  
Moscow, 1960.

\*JPRS

Scientific  
Medicine (Contd)

Problems of Evolution of Physiological  
Functions, 162 pp.

RUSSIAN, bk, Problemy Evolutsii Fiziologicheskikh Funktsii, 1958, pp 1-233.

OTS 60-51066  
PL 480

Certain Principles of Operation of the Brain,  
by A. V. Napaikov, 17 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 4, 1960,  
pp 183-195.

JPRS 7403

Handbook of the Organization and Control of  
Venereal and Infectious Skin Diseases, by

N. M. Turanova, A. A. Studnitsina, 347 pp.

RUSSIAN, bk, Spravochnik po Organizatsii Bor'by s Venericheskimi i Zaraznymi Kozhnymi Boleznymi, 1957, pp 3-104, 158-214, 260-371.

JPRS 7330

The Study of Influenza, by V. M. Zhdanov,

V. D. Solovyev, F. G. Epshtein, 639 pp.

RUSSIAN, bk, Ucheniye o Grippe, Medgiz,  
Moscow, 1958, 582 pp.

NIH  
Public Health Service  
Publ No 792

War With Invisible Foes -- Man's Struggle

Against Disease, by M. D. Metal'nikov, 60 pp.

RUSSIAN, monograph, Voyna s Nevidimymi Vragami,  
1960, 80 pp.

JPRS 6629

Defense Against Agents of Mass Destruction,

by M. Ye. Levin, G. A. Malinin, M. N.

Mandrzhitskiy, V. P. Sinitsyn, V. I.

Fedorov, (NY-5616).

RUSSIAN, bk, Zashchita ot Sredstv Massovogo Porazheniya, 1960, pp 5-14, 51-129, 130-136,  
145-176.

\*JPRS

Stillbirth and Infant Mortality in Diabetes

Mellitus, by Ye. P. Romanova, 12 pp.

RUSSIAN, per, Akush i Ginekol, Vol XXXV,

No 6, Nov/Dec 1958, pp 16-20. 9073277

NIH 11-18-60

Patho-Anatomical Analysis of Stillbirths

and Neonatal Mortality, by D. B. Veksler,

3 pp.

RUSSIAN, per, Akush i Ginekol, Vol XXXV,

No 1, 1959, pp 93, 94. 9073320

NIH 11-12-60

Scientific  
Medicine (Contd)

Selected Articles From Soviet Periodical  
"Arkhiy Anatom Gistol i Embriol," Vol XXXIX,  
No 11, 1960, (NY-5691).

Cultivation in Vitro of the Bone Marrow  
and Spleen of Rabbits Irradiated With  
X-Rays, by V. A. Gubin, pp 3-10. \*JPRS

Posttraumatic Regeneration of the Muscula-  
ture of the Skeletal Type Under Total and  
Local Irradiation With X-Rays, by Ye. V.  
Dmitriyeva, pp 11-22. \*JPRS

Regeneration of Cross-Striated Muscles After  
X-Ray Irradiation, by Wang Hsiu-pi, pp 23-32. \*JPRS

Degenerative and Reparative Processes in  
the Cerebrum Following Radiation Damage,  
by A. A. Manina, pp 33-42. \*JPRS

Effect of Total X-Ray Irradiation on the  
Regeneration of the Sciatic Nerve in a  
Rabbit, by V. S. Vinogradov, pp 44-50. \*JPRS

On the Problem of the Regeneration of the  
Tubular Bone in Acute Radiation Sickness,  
by T. L. Sopova, pp 51-59. \*JPRS

Healing of Comminuted Fractures Following  
the Administration of Different Doses of  
Radioactive Phosphorus, by G. N. Ushakova,  
pp 60-67. \*JPRS

Ingrowth of a Free Cutaneous Autotransplant  
During Different Periods of Acute Radiation  
Sickness, by K. K. Zaytseva, pp 68-73. \*JPRS

On the Reduction of the Digits in Mouse  
Embryos Following X-Ray Irradiation, by  
A. A. Neyfakh, pp 74-82. \*JPRS

Problems of Morphology Discussed at the  
Scientific Conference on the Problem of  
the "Restorative and Compensatory Processes  
in Radiation Sickness, by I. A. Chalisov,  
pp 121-124. \*JPRS



**Scientific  
Medicine (Contd)**

**Blastomogenic Action of Ionizing Radiation.  
Radiation Tumors of Animals, by N. A.  
Krayevskiy, N. N. Litvinov, 42 pp.  
RUSSIAN, per, Arkhir Patologii, Vol XXII,  
No 8, 1960, pp 3-17.**

JPRS 7264

**Experimental Morphological Analysis of  
Tissue Systems of the Organism in Decor-  
ticated Animals, by I. V. Davydovskiy,  
K. M. Danilova, L. A. Gulina, L. Ya.  
Pokrovskaya, et al, 34 pp.  
RUSSIAN, per, Arkhir Patologii, Vol XXII,  
No 8, 1960, pp 18-33.**

JPRS 7265

**Changes in the Organism of Animals Follow-  
ing Poisoning With Certain Organophosphorous  
Insecticides, by Yu. S. Kagan, Ye. I.  
Makovskaya, 10 pp.  
RUSSIAN, per, Arkhir Patologii, Vol XXII,  
No 9, 1960, pp 44-49.**

JPRS 7405

**Cellular Bases and Neurohumoral Regulation  
of Immunogenesis, by P. F. Zdrovskiy,  
(SF-1410).  
RUSSIAN, per, Azerbaydzhan Med Zhur, No 11,  
1960, pp 9-17.**

\*JPRS

**Full Translation of Soviet Periodical  
"Eksperimental'naya Khirurgiya," Vol V, No 6,  
1960, (NY-5669).**

\*JPRS

**The Neural Apparatus of the Adrenal Glands  
and Its Reactive Characteristics, by G. B.  
Agarkov, 15 pp.  
RUSSIAN, per, Fiziol Zhur, Vol VI, No 4,  
Jul/Aug 1960, pp 498-506.**

JPRS 7316

**Age Peculiarities in the Change of the  
Blood Picture and Bone Marrow of White Rats  
Under the Influence of Cortisone, by Sung  
Len-fen, 11 pp.  
RUSSIAN, per, Fiziol Zhur, Vol VI, No 4,  
Jul/Aug 1960, pp 509-517.**

JPRS 7317

Scientific  
Medicine (Contd)

Hygienic Characteristics of Work Conditions When Using Artificial Radon Baths, by K. N. Klyachina, V. Ya. Kulakova, 6 pp. RUSSIAN, per, Gig Truda i Professional Zabol, No 8, 1960, pp 45-47.

JPRS 7296

Selected Articles From the Soviet Periodical "Grudnaya Khirurg," Vol II, No 4, Jul/Aug 1960.

New Method of Extracorporeal Blood Circulation, by A. N. Bakulev, S. V. Ryneyskiy, V. S. Savel'yev, V. M. Buyanov, R. P. Zubarev, B. D. Komarov, et al, pp 3-5.

JPRS 7397

Anatomo-Surgical Characteristics of Congenital Defects of the Interventricular Septum, by F. G. Uglov, S. S. Sokolov, pp 6-14.

JPRS 7398

Anatomo-Topographical Investigation of the Approaches in Disease of the Aortic Valves, by A. M. Khil'kin, V. L. Lemenev, pp 15-18.

JPRS 7399

On the Problem of the Systematization of Changes in the Pulmonary Vessels in Mitral Stenosis, by I. L. Tager, I. Kh. Rabkin, pp 19-26.

JPRS 7400

Methods of and Indications for Puncture of the Left Cardiac Ventricle, by A. M. Akhmetov, pp 26-32.

JPRS 7401

Puncture of the Left Ventricle of the Heart With Catheterization of the Aorta in Patients Suffering From Aortic Afflictions, by Yu. S. Petrosyan, G. I. Tsukerman, pp 32-36.

JPRS 7428

Microscopic Structure of the Stenosed Arterial Conus of the Right Ventricle in Congenital Heart Disease and Changes Which Develop After Direct Surgery On It, by L. D. Krymakiy, pp 37-46.

JPRS 7429

The Effect of Cardioplegic Drugs and Regimens of Artificial Circulation on the Restoration of Cardiac Activity After Prolonged Anemia, by B. V. Antipov, Yu. M. Gal'perin, N. M. Yarmakova, S. A. Perestoronin, Ye. Ye. Smirnov, pp 108-113. JPRS 7430

**Scientific  
Medicine (Contd)**

On the Intermediate Nucleotide Metabolism in Norm and in Radiation Sickness, by G. A. Kritakiy, 27 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 4, Jul/Aug 1960, pp 519-531.

JPRS 7267

Therapy of Endarteritis Obliterans With Subcutaneous Administration of Oxygen, by M. D. Polikarpova, 8 pp.

RUSSIAN, per, Khirurgiya, Vol XXXVI, No 9, 1960, pp 68-72.

JPRS 7459

A New Surgical Method of Interarterial Anastomosis in Patients With Congenital Heart Defects of the Cyanotic Type, by A. A. Vishnevskiy, D. A. Donetskii, 7 pp.

RUSSIAN, per, Khirurgiya, Vol XXXVI, No 10, 1960, pp 39-42.

JPRS 7646

Clinic and Surgical Treatment Problems of Carcinoma of the Cardia, by A. G. Savinykh, Ye. M. Masyukova, 7 pp.

RUSSIAN, per, Khirurgiya, Vol XXXVI, No 10, 1960, pp 43-46.

JPRS 7647

Selected Articles From Soviet Periodical "Khirurgiya," Vol XXXVI, No 11, 1960, (NY-5692).

Regeneration of Bones of the Cranial Vault in Dogs as a Result of the Transplantation of Bone Filings, by A. I. Matveyeva, pp 28-34.

\*JPRS

Experimental Replacement of Large Defects of the Femoral Diaphysis With a Lyophilized Tubular Homotransplant, by A. I. Morozov, pp 34-39.

\*JPRS

Plastic Repair With Muscle Graft Taken From the Other Extremity in Chronic Gunshot Osteomyelitis, by I. S. Lindenbaum, pp 43-48.

\*JPRS

Experimental Application of Osseous Heterogenous Material Preserved by the Method of Deep Freezing, by G. N. Kramarenko, pp 48-54.

\*JPRS

Scientific  
Medicine (Contd)

Selected Articles From Soviet Periodical  
"Khirurgiya," Vol XXXVI, No 11, 1960,  
(NY-5692).

On Combined Cutaneous Autohomotrans-  
plantation, by I. V. Tatkalo, pp 55-59. \*JPRS

Principles of Burn Treatment, by M. I.  
Shrayber, M. I. Dolgina, pp 82-86. \*JPRS

Porous and Nonporous Prosthesis in the  
Alloplasty of the Esophagus, by I. D.  
Karpatovskiy, V. P. Kulik, pp 112-117. \*JPRS

Problems of the Application of Alloplastic  
Materials in Surgery, by M. V. Danilenko,  
A. Ya. Fishchenko, pp 117-122. \*JPRS

Selected Articles from Soviet Periodical  
"Khirurgiya," Vol XXXVI, No 12, 1960,  
(NY-5672).

Role of the Creation of Organic Anastomoses  
in Certain Types of Vascular Pathology of the  
Internal Organs, by B. P. Makevnina, N. M.  
Yenishin, pp 5-10. \*JPRS

Our Experience With the Therapy of Diseases  
of the Peripheral Arteries, by L. A.  
Zbykovskaya, pp 11-18. \*JPRS

Application of Combined Prostheses in the  
Surgery of Vessels, by G. L. Ratner, pp 19-23. \*JPRS

Pathohistological Modifications in Throm-  
bophlebitis as Indications of Surgical  
Treatment, by N. P. Makarova, pp 24-27. \*JPRS

Surgical Treatment of Diseases of the Blood  
System, by Ya. A. Kampel'makher, pp 28-33. \*JPRS

Fourteenth Session of the Academy of Medical  
Sciences USSR, by A. Marshak-Rozentsveyg, 7 pp.  
RUSSIAN, per, Klin Med, Vol XXXVIII, No 5, 1960,  
pp 149-151. JPRS 7438

**Scientific  
Medicine (Contd)**

**Selected Articles From the Soviet Periodical  
"Klin Med," Vol XXXVIII, No 9, 1960.**

Some Timely Questions of the Clinical Course, Etiology and Pathogenesis of Multiple Sclerosis, by A. L. Leonovich, pp 43-47.

JPRS 4311

Experience in Vaccinating Against Poliomyelitis With Live Attenuated Vaccine, by A. S. Pentsik, V. M. Lisitsa, N. P. Pakalnsh, pp 48-53.

JPRS 4312

Clinical Observations on the Effect of Reserpine on the Coronary Circulation of Hypertension Patients, by K. N. Zamyslova, V. Ya. Yurazh, pp 90-95.

JPRS 4313

The Role of Renal Ischemia in the Pathogenesis of Hypertension, by S. Ye. Mikhaylin, pp 96-102.

JPRS 4321

Sudden Death From Atherosclerosis of the Coronary Arteries, and A. L. Myasnikov's Classification of Atherosclerosis, by N. M. Dement'yev, pp 137-139.

JPRS 4314

Smoking and Health, by S. M. Slinin, 8 pp. RUSSIAN, per, Klin Med, Vol XXXVIII, No 10, 1960, pp 105-109.

JPRS 7321

**Selected Articles From the Soviet Periodical  
"Klin Med," Vol XXXVIII, No 12, 1960, (NY-5785).**

Role of Heredity in the Etiology of Hypertension Disease, by I. A. Ryvkin, pp 24-29.

\*JPRS

On the Influence of the Heredity Factor on the Course of Hypertension Disease, by I. I. Speranskiy, N. K. Belyayeva, pp 29-33.

\*JPRS

Diet Therapy of Hypertension, by Ye. I. Dorokhova, V. P. Nikitin, pp 34-38.

\*JPRS

Scientific  
Medicine (Contd)

Selected Articles From the Soviet Periodical  
"Klin Med," Vol XXXVIII, No 12, 1960, (NY-5785).

Ballistocardiogram in Hypertension  
Disease, by I. Ye. Ornaskiy, pp 39-42.

\*JPRS

Effect of Cryotherapy on the Structure  
of Bone Tissue, by V. K. Apakidze,  
pp 125-128.

\*JPRS

Universal Apparatus for Determining Micro-  
organisms and Gaseous Mixtures of Dust in the  
Air, by Ya. G. Kishko.  
RUSSIAN, per, Medit Prom SSSR, No 11, 1960,  
pp 54-57.

\*USDA

Full Translation of Soviet Periodical  
"Meditsinskaya Radiologiya," No 10, 1960,  
(NY-5517).

\*JPRS

Remote Results of the Experimental Trans-  
plantation of Preserved Extremities and  
Kidneys in Dogs, by A. G. Lapchinskiy,  
(NY-5690).

RUSSIAN, per, Patolog Fiz i Eksper Terapiya,  
Vol IV, No 6, Nov/Dec 1960, pp 17-23.

\*JPRS

Effect of the Transplantation of Bone Marrow  
Suspension on the Course of Acute Radiation  
Sickness, by G. Ye. Kevlishvali, (NY-5690).  
RUSSIAN, per, Patolog Fiz i Eksper Terapiya,  
Vol IV, No 6, Nov/Dec 1960, pp 24-27.

\*JPRS

On the Problem of the Role of the Adrenal  
Glands in the Manifestation of the Action  
of the Radiation Toxemic Factor, by L. A.  
Buldaov, (NY-5690).  
RUSSIAN, per, Patolog Fiz i Eksper Terapiya,  
Vol IV, No 6, Nov/Dec 1960, pp 49-53.

\*JPRS

Changes in Gas Metabolism in Physical Stress  
in Children With Congenital Heart Defects of  
the Blue Type, by I. S. Shirayeva, (NY-5677).  
RUSSIAN, per, Pediatrica, Vol XXXVIII, No 9,  
1960, pp 21-27.

\*JPRS

Scientific  
Medicine (Contd)

Life at High Temperatures, by A. A. Imshenetskiy,  
23 pp.

RUSSIAN, per, Priroda, Vol XLIX, No 8, 1960,  
pp 19-24.

JPRS 7349

Transplantation of Tissues and Organs, by  
S. R. Muchnik (NY-5660).

RUSSIAN, per, Priroda, Vol XLIX, No 10, 1960,  
pp 16-20.

\*JPRS

Ultrasound in Medicine, by L. D. Rozenberg,  
I. Ye. El'piner, (NY-5660).

RUSSIAN, per, Priroda, Vol XLIX, No 10, 1960,  
pp 35-41.

\*JPRS

Hormone Therapy of Carcinoma of the Mammary  
Glands, by N. D. Lagova, 7 pp.

RUSSIAN, per, Problemy Endokrin i Gormono-  
terapii, Vol VI, No 5, Sep/Oct 1960, pp 3-6.

JPRS 7287

The Effect of Eexonium and Dibazol on the  
Ascorbic Acid Content in the Adrenal Glands  
of Rabbits With Experimental Atherosclerosis,  
by N. A. Novikova, 6 pp.

RUSSIAN, per, Problemy Endokrin i Gormono-  
terapii, Vol VI, No 5, Sep/Oct 1960, pp 24-26.

JPRS 7288

Comparison of Data Obtained in the Investigation  
of Basic Metabolism and the Function of the  
Thyroid Gland by Using  $I^{131}$  at Different Stages of  
Atherosclerosis and Hypertension, by K. K. Maslova,  
(NY-5671).

RUSSIAN, per, Problemy Endokrin i Gormono-  
terapii, Vol VI, No 6, Nov/Dec 1960, pp 28-34.

\*JPRS

Pathomorphological Modifications of the Hypo-  
physis in Apoplex and Softening of Brain Tissue  
on a Background of Hypertension, by Yu. I.  
Miklyayev, (NY-5671).

RUSSIAN, per, Problemy Endokrin i Gormono-  
terapii, Vol VI, No 6, Nov/Dec 1960, pp 34-42.

\*JPRS

Scientific  
Medicine (Contd)

An Attempt to Carry Out Comprehensive Prophylactic Examinations of Miners With a View to Detecting Anthraco-Silicosis and Conio-Tuberculosis, by L. L. Sokolik.

RUSSIAN, per, Sovet Med, Vol XIX, No 3, 1955, pp 61-65.

Natl Coal Bd Tr  
A 1106/A.B  
US Bu of Mines  
Pittsburgh, Pa.

The Problem of Prompt Diagnosis of Lung Cancer, by B. A. Bondarenko, B. Ye. Gluzberg, 16 pp.

RUSSIAN, per, Sovet Med, Vol XXIV, No 1, 1960, pp 42-48.

JPRS 7415

The Role of Hemotransfusions in the System of Complex Therapy of Tumor Diseases, by A. P. Kiyashov, 9 pp.

RUSSIAN, per, Sovet Med, Vol XXIV, No 1, 1960, pp 48-53.

JPRS 7416

C-Reactive Protein in the Differential Diagnosis of a Myocardial Infarct and Stenocardia, by Ch. L. Kasalitsa, 5 pp.

RUSSIAN, per, Sovet Med, Vol XXIV, No 1, 1960, pp 63-65.

JPRS 7417

The Condition of the Blood Coagulation System in Personnel of X-Ray Rooms, by V. I. Shevchenko, Ye. Ya. Sukhoveyeva, 8 pp.

RUSSIAN, per, Sovet Med, Vol XXIV, No 1, 1960, pp 100-103.

JPRS 7418

The Diuretic Action of Diacarb, by P. I. Mishchenko, O. P. Ruchkina, 7 pp.

RUSSIAN, per, Sovet Med, Vol XXIV, No 1, 1960, pp 123-126.

JPRS 7419

The Present Stage of Medical Radiology, by I. G. Legunova, 9 pp.

RUSSIAN, per, Sovet Med, Vol XXIV, No 9, 1960, pp 26-31.

JPRS 4261

Ionizing Radiation and Fetal Protection, by A. P. Kiryushchenkov, 10 pp.

RUSSIAN, per, Sovet Med, Vol XXIV, No 9, 1960, pp 92-97.

JPRS 4261



**Scientific  
Medicine (Contd)**

Concerning the Training of Sanitary Physicians  
in Medical Institutes, 12 pp.

RUSSIAN, per, Sovet Zdravookhraneniye, Vol XIX,  
No 7, 1960, pp 3-6.

JPRS 7585

Concerning Measures to Improve the Specializa-  
tion and Advanced Training of Physicians and  
Pharmacists, 5 pp.

RUSSIAN, per, Sovet Zdravookhraneniye, Vol XIX,  
No 7, 1960, pp 92, 93.

JPRS 7585

Certain Problems Relating to the Development of  
Public Health Service in Rural Districts, (NY-5643).

RUSSIAN, per, Sovet Zdravookhraneniye, Vol XIX,  
No 8, 1960, pp 3-6.

\*JPRS

Certain Indices of the Organization of Out-  
Patient Poly-Clinical Service for Patients With  
Cardiovascular Diseases, by I. Ye. Gelovchiner,  
8 pp.

RUSSIAN, per, Sovet Zdravookhraneniye, Vol XIX,  
No 8, 1960, pp 18-21.

JPRS 7253

Recent Research to Improve the Technique of  
Radio and Television Broadcasting, by A. D.  
Fortuchenko, 18 pp.

RUSSIAN, per, Tekh Kino i Televideniya, Vol IV,  
No 10, 1960, pp 1-7.

JPRS 7433

Hemodynamics in the Aged, by K. A. Morozov,  
7 pp.

RUSSIAN, per, Terapevticheskiy Arkhiv,  
Vol XXXII, No 9, 1960, pp 28-32.

JPRS 7386

Autoimmunization and Autosensitization  
Phenomena and Their Clinical Importance, by  
P. F. Zdrodowski, (NY-5673).

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol XXXII,  
No 11, 1960, pp 3-9.

\*JPRS

**Scientific  
Medicine (Contd)**

**Selected Articles From the Soviet Periodical  
"Terapevticheskiy Arkhiv," Vol XXXII, No 12,  
1960, (NY-5788).**

Hypertension Disease and Aldosterone, by  
Ye. N. Gerasimova, pp 34-38.

\*JPRS

On Modification in the Cholesterol Level  
of the Blood Under the Effect of a Non-  
specific Stimulant in Patients Suffering  
From Atherosclerosis, by L. S. Yudanov, pp  
38-42.

\*JPRS

The Diagnostic Significance of the Electro-  
phoretic Investigation of Blood Protein  
Fractions in Stenocardia, by G. A. Gel'fer,  
pp 42-47.

\*JPRS

On the Sensitivity to Strophanthin in  
Cardio-Vascular Diseases, by Ye. V. Popova,  
pp 47-53.

\*JPRS

Analysis of Mechanical Activity of the Heart  
With the Help of Elektrokimography, by V. N.  
Orlov, pp 63-71.

\*JPRS

Comparison of Electrical and Mechanical  
Systoles as a Method of Investigation of the  
Functional Condition of the Myocardium, by  
V. N. Briker, pp 72-78.

\*JPRS

Newest Concepts About the Mechanism of Synthesis  
of Proteins and Their Theoretical and Practical  
Significance, by Zh. A. Medvedev.

RUSSIAN, per, Trudy Moskovskogo Ordена Lenina Sel'-  
skokhoza Ak imeni K. A. Timiriaseva, Vol XLVII,  
1959, pp 77-94.

\*USDA

Full Translation of the Soviet Periodical  
"Tsitolgiya," Vol II, No 6, 1960, (NY-5502)

\*JPRS

The Structure of Proteins, by V. A. Belitser,  
43 pp.

RUSSIAN, per, Uspekhi Sovremennoy Biol, Vol L,  
No 1, 1960, pp 3-28.

JPRS 7331

**Scientific  
Medicine (Contd)**

Electron Microscopy of the Cell Nucleus and the Chromosomes, by P. V. Makarov, 31 pp.  
RUSSIAN, per, Uspekhi Sovrem Biol, Vol L, No 1, 1960, pp 44-61.

JPRS 7332

The Role of Metabolism in the Origin of Bioelectric Potentials, by Yu. I. Arshavskiy, 27 pp.  
RUSSIAN, per, Uspekhi Sovrem Biol, Vol L, No 1, 1960, pp 62-76.

JPRS 7333

Genetics of Transplantable Tumors, by N. N. Medvedev, 34 pp.  
RUSSIAN, per, Uspekhi Sovrem Biol, Vol L, No 1, 1960, pp 77-100.

JPRS 7334

Radiation Sickness and Autolysis, by V. N. Benevolenskiy, (SF-1413).  
RUSSIAN, per, Uspekhi Sovrem Biol, Vol L, No 6, 1960, pp 310-321.

\*JPRS

The First International Conference on Cardiovascular Substances, by A. S. Sadykov, 7 pp.  
RUSSIAN, per, Uzbekskiy Khim Zhur, No 4, 1960, pp 67-70.

JPRS 4316

Ban Biological Weapons, by A. Imshenetskiy, 6 pp.  
RUSSIAN, per, V Zashchitu Mira, Vol VIII, No 103, Dec 1959, pp 18-23.

JPRS 6518

Results of Two Years of Work on the Development of Anti-Tumor Drugs on the Type of Alkylating Metabolites, by L. F. Larionov, 32 pp.  
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV, No 6, 1959, pp 25-37. 9073271

NIH 11-9-60

The Role of Immunization in the Control of Infectious Diseases, by V. M. Zhdanov, (NY-5787).  
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV, No 8, 1960, pp 3-10.

\*JPRS

Scientific  
Medicine (Contd)

The Nature of Peripheral and Central Inhibition (Analysis of Its Formation Transformation in the Process of Ontogenesis), by I. A. Arshavskiy, (NY-5787).  
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV, No 8, 1960, pp 41-53.

\*JPRS

The Results of Scientific Research of the Institutes of Medical Sciences USSR in 1959, by M. A. Zhukovskiy, L. P. Naumova, (NY-5787).  
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV, No 8, 1960, pp 62-74.

\*JPRS

Development of Methods of Emergency Prophylaxis (Experimental Data and Further Perspectives), by I. I. Rogozin, V. D. Belyakov, A. A. Il'chenko, (NY-5641).  
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV, No 11, 1960, pp 10-25.

\*JPRS

Data on the Pathological Anatomy of Complications Following Surgical Therapy of Congenital Cardiac Affections, by L. D. Krymskiy, (NY-5641).  
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV, No 11, 1960, pp 38-46.

\*JPRS

On the Work of the Bureau of the Medico-Biological Division of Sciences, Academy of Medical Sciences USSR During the First Half Year of 1960, by N. A. Krayevskiy, S. Ye. Karandayev, (NY-5641).  
RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XV, No 11, 1960, pp 67-72.

\*JPRS

Cardiac Activity Changes in Patients Operated With the Application of Neuroplegic Preparations and Physical Cooling, by A. B. Gorbatshevich, 17 pp.  
RUSSIAN, per, Vest Khirurg imeni I. I. Grekova, Vol LXXXV, No 7, 1960, pp 82-91.

JPRS 7577

Phonocardiographic Changes in Patients With Fallot's Tetrad Prior and Subsequent to Operation of Application of Cava-Pulmonary Anastomosis, by L. M. Fitileva, 5 pp.  
RUSSIAN, per, Vest Khirurg imeni I. I. Grekova, Vol LXXXV, No 10, 1960, pp 43-46.

JPRS 7615

Scientific  
Medicine (Contd)

Experimental and Clinical Application of  
Diaphragmatic Grafts in Plastic Surgery, by  
G. Ye. Ostroverkhov, O. K. Skobelkin,  
(NY-5670).

RUSSIAN, per, Vest Khirurg imeni I. I. Grekov,  
Vol LXXXV, No 11, 1960, pp 99-105.

\*JPRS

Important Problems in Soviet Otorhinolaryn-  
gology, by I. A. Lopotko, V. F. Undrits, et al,  
33 pp.

RUSSIAN, per, Vest Otorinolaringol, No 5, 1960,  
pp 3-24.

JPRS 4256

On Lipoproteins and Blood Protein Fractions in  
Experimental Alimentary Hypercholesteremia, by  
T. N. Lovyagina, 13 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 4,  
Jul/Aug 1960, pp 358-364.

JPRS 7268

Effect of X-Ray Irradiation on the Formation  
of Enzymes in the Pancreas, by V. V. Nikol'skiy,  
G. V. Rubtsova, 6 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 4,  
Jul/Aug 1960, pp 365-367.

JPRS 7269

Electrophoretic Study of Soluble Liver Proteins  
in Radiation Sickness, by Ye. M. Belyayeva,  
T. A. Fedorova, S. S. Vasileyskiy, 9 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 4,  
Jul/Aug 1960, pp 377-381.

JPRS 7270

Effect of Insulin and Glucose on the Glycogen  
Content of the Liver in Radiation Sickness, by  
K. V. Gordeyeva, 9 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 4,  
Jul/Aug 1960, pp 408-411.

JPRS 7271

Lumbar Sympathectomy as a Method of Therapy  
of Obliterating Endarteritis, by M. M. Zobina,  
10 pp.

RUSSIAN, per, Voprosy Neyrokhirurg, Vol XXIV,  
No 5, Sep/Oct 1960, pp 39-43.

JPRS 7421

**Scientific  
Medicine (Contd)**

Surgical Treatment of Multiple Aneurisms of the Cerebral Vessels, by E. I. Kandel', A. N. Kononov, 7 pp.

RUSSIAN, per, Voprosy Neyrokhirurg, Vol XXIV, No 5, Sep/Oct 1960, pp 44-46.

JPRS 7367

Cerebral Circulation in Intracranial Hypertension and Edema, by V. I. Lerman, (NY-5675). RUSSIAN, per, Voprosy Neyrokhirurg, Vol XXIV, No 6, Nov/Dec 1960, pp 24-29.

\*JPRS

The Effect of Therapeutic Sleep on Biocurrents of the Brain in Patients With Hypertension, by A. Ye. Petruk, 5 pp.

RUSSIAN, per, Vrachebnoye Delo, No 1, 1958, pp 37-39.

JPRS 7283

Scientific  
Medicine (Contd)

Measures for Further Improving the  
Medical Service and Health Pro-  
tection, by I. A. Insarov, 13 pp.  
RUSSIAN, per, Zdravookhraneniye  
Belorussii, Vol VI, No 6, 1960,  
pp 6-16.

JPRS 6517

Republic Conference of Health Workers,  
by G. Klebanov, S. Kamyshnikov, 13 pp.  
RUSSIAN, per, Zdravookhraneniye  
Belorussii, Vol VI, No 6, 1960,  
pp 17-26.

JPRS 6517

Present-Day Physiotherapeutical Methods  
of Treating Hypertension and Coronary  
Insufficiency, by B. I. Trusevich,  
V. S. Cheredova, 5 pp.  
RUSSIAN, per, Zdravookhraneniye  
Belorussii, Vol VI, No 8, 1960,  
pp 7-11.

JPRS 6353

Protein Fractions of the Blood in Hypertens,  
by Kh. I. Melamed, 5 pp.  
RUSSIAN, per, Zdravookhraneniye Belorussii,  
Vol VI, No 8, 1960, pp 11-14.

JPRS 6353

The Problem of Atherosclerosis Therapy,  
by V. V. Gorbachev, 5 pp.  
RUSSIAN, per, Zdravookhraneniye  
Belorussii, Vol VI, No 8, 1960,  
pp 14-18.

JPRS 6353

Effect of the Preparation BAS (1 Benzyl-  
2, 5 Dimethyl-Serotonin) Upon the  
Resistance of the Organism to Oxygen  
Insufficiency, by K. S. Shadurskiy,  
G. I. Gurvich, 6 pp.  
RUSSIAN, per, Zdravookhraneniye  
Belorussii, Vol VI, No 9, 1960,  
pp 24-27.

JPRS 7257

Scientific  
Medicine (Contd)

Quantitative Determination of Diphtheria  
Toxoid Aerosol, by S. N. Muromtsev,  
V. P. Nenashev, N. A. Boroduyuk,  
P. I. Basmanov.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol  
i Immunobiol, No 8, 1960, pp 47-50.

\*USDA

Selected Articles From "Zhur Mikrobiol,  
Epidemiol i Immunobiol," No 11, 1960.

Express Method of Diagnosis and Detection  
of Anthrax, by B. Ya. Mikhailov, G. I.  
Rozhkov, A. L. Tamarin, pp 10-15.

\*USDA

Detection of the Rickettsia With the Aid  
of Luminescent Antibodies, by E. N.  
Levina, N. M. Balayeva, pp 22-25.

\*USDA

Detection of Typhoid-Paratyphoid Bacteria  
With the Aid of Fluorescent Antibodies,  
by S. P. Ivanova, pp 25-30.

\*USDA

Use of Indirect Method of Staining P.  
Pestis by Fluorescent Antibodies, by  
A. A. Sinitskiy, S. I. D'yakov, I. F.  
Mikhailov, V. M. Nikitin, I. V. Osipova,  
pp 35-39.

\*USDA

Use of Indirect Method of Fluorescent  
Antibodies for Species and Type-Specific  
Staining of Several Pathogenic Bacteria,  
by I. O. Dashkevich, S. I. D'yakov, N. V.  
Ermakov, M. T. Ivanova, I. V. Osipova, pp 43-49.

\*USDA

Third Plenary Conference of the Inter-  
departmental Scientific-Methodical Com-  
mission on Anthrax Control, by V. V.  
Arkhipov, pp 166, 167.

\*USDA

Aerosol Immunisation With Dry Living  
Vaccines and Anatoxins, Report IV.  
Character and Dynamics of the Vac-  
cination Process in Aerosol Immuniza-  
tions With Brucellosis, Tularemia,  
Anthrax and Anti-Plague Dust Vaccines,  
by N. I. Aleksandrov, N. E. Gefen,  
K. G. Gapochko, N. S. Garin.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol  
i Immunobiol, No 12, 1960, pp 38-44.

\*USDA



Scientific  
Medicine (Contd)

Changes in the Excitability of  
Peripheral Nerves and Muscles  
of the Extremities With Direct  
Current in Affections of the  
Central Nervous System, by M. I.  
Pevzner, 7 pp.

RUSSIAN, per, Zhur Nevropatol i  
Psikhiatrii imeni S. S. Korsakov,  
Vol LIX, No 4, 1960, pp 458-461.

JPRS 7567

Neurology in Hungary and Bulgaria,  
by Ye. V. Shmidt, L. I. Aleksandrova,  
8 pp.

RUSSIAN, per, Zhur Nervopatol i  
Psikhiatrii imeni S. S. Korsakov,  
Vol LX, No 8, 1960, pp 1049-1053.

JPRS 4231

On the Nature of the After-Effects and  
Reasons for the Excessive Use of Alcohol,  
by A. V. Zav'yalov, (NY-5640).

RUSSIAN, per, Zhur Nevrapatol i  
Psikhiatrii imeni S. S. Korsakov,  
Vol LX, No 11, 1960, pp 1510-1514.

\*JPRS

The Application of Cholinolytic Drugs  
in the Therapy of Alcoholism, by  
L. M. Litvak (NY-5640).

RUSSIAN, per, Zhur Nevrapatol i  
Psikhiatrii imeni S. S. Korsakov,  
Vol LX, No 11, 1960, pp 1518-1521

\*JPRS

On the Development of Methods of  
Expert Determination of Alcohol  
Intoxication, by N. I. Repetun,  
D. I. Al'perovich, B. N. Mikheyev,  
V. G. Shneyder, (NY-5640).

RUSSIAN, per, Zhur Nevrapatol i  
Psikhiatrii imeni S. S. Korsakov,  
Vol LX, No 11, 1960, pp 1523-1527.

\*JPRS

The Significance of Birds and Reptiles  
in Maintaining Foci of Tick-Borne  
Central Asian Belapsing Fever, by  
N. K. Mishchenko, (SF-1415).

RUSSIAN, per, Zool Zhur, Vol XXXIX,  
No 3, 1960, pp 424-428.

\*JPRS

Scientific  
Medicine (Contd)

The Obtention of Extracts From  
Cheiranthus Cheiri L. and  
Tropeolum Majus L., and the  
Experimental Study of Their Effects  
on Blood Pressure and Respiration,  
by V. Petkov, M. Penova, 4 pp.  
BULGARIAN, per, Farmatsiya, Vol X,  
No 1, 1960, pp 23-27.

JPRS 6575

Necessity of Full Mechanical and Biological  
Purification of Sewage Water From the  
City of Sofia, by Iv. Ivanovich, (DC-5228).  
BULGARIAN, per, Khidrotekhnika i Melioratsii,  
Vol V, No 4, 1960, pp 103-107.

\*JPRS

Problem of Purifying Water for the Water Supply  
of the City of Sofia, by Rad Pavlov,  
Al. Bakalov (DC-5228).  
BULGARIAN, per, Khidrotekhnika i Melioratsii,  
Vol V, No 6, 1960, pp 165-168.

\*JPRS

On the Mechanism of the Disinfecting Action  
of Preparation Karboferogel-M, by  
M. Markaryan, N. Rizhov, E. Shchannikov,  
7 pp.  
BULGARIAN, per, Voenno-Meditsinsko Delo,  
Vol XV, No 1, 1960, pp 21-24.

JPRS 7243

General Account of Scientific Technique  
on Prevention and Therapeutics of Five  
Principal Parastic Diseases in Our Country.  
CHINESE, bk, Vol I, 1960, pp 1-99, Vol II,  
1960, pp 100-194.

\*ACSI H-8076 A, B  
ID 2158067

Scientific  
Medicine (Contd)

Selected Articles From Chinese  
Monograph "Ch'ing-chu Chien-kuo  
Shih-chou-nien I-hsueh K'o-hsueh  
Ch'eng-chiu Lun-wen Chi," Vol I,  
Dec 1959.

Chinese Research in Microbiology  
as Applied to Basic Medicine,  
(NY-5639), pp 271-288.

\*JPRS

The Development of Work on Biologicals  
in New China, (NY-5693), pp 550-555.

\*JPRS

Achievements in Bovine Vaccine Pro-  
duction and Research, (NY-5693),  
pp 555-558.

\*JPRS

Preparation and Application of  
Bacteriophages in China, (NY-5693),  
pp 558-562.

\*JPRS

State of Epidemic B. Encephalitis  
Vaccine Production and Research,  
(NY-5693), pp 562-567.

\*JPRS

China's Progress in Forest-Spring  
Encephalitis Vaccine Production  
and Research, (NY-5693), pp 568-573.

\*JPRS

Achievements Relative to the Prepara-  
tion of Pertussis Vaccine, (NY-5693),  
pp 573-577.

\*JPRS

New China's Achievements in Antibiotics  
Research and Production, by Chang  
Wei-shen, (NY-5676), pp 578-582.

\*JPRS

China's Achievements in Quality-Control  
for Antibiotics, by Cheng Ch'ang-liang,  
(NY-5676), pp 582-584.

\*JPRS

Penicillin Research and Production in  
China, by Chang Wei-shen, (NY-5676),  
pp 584-588.

\*JPRS

Scientific  
Medicine (Contd)

Selected Articles From Chinese  
Monograph "Ch'ing-chu Chien-kuo  
Shih-chou-nien I-hsueh K'o-hsueh  
Ch'eng-chiu Lun-wen Chi," Vol I,  
Dec 1959.

Growth of Penicillium NH and  
Biosynthesis of Penicillin,  
by Ch'i T'ien-ch'ing, (NY-5676),  
pp 588-591.

\*JPRS

Classification and Ecology of the  
Actinomycetes, by Yen Hsun-ch'u,  
(NY-5676), pp 591-596.

\*JPRS

China's Achievement in Neurology Attained  
by Studying Soviet Experience in the Past  
Decade, by Chu Yung-lien, 22 pp.  
CHINESE, per, Chung-hua Shen-ching  
Ching-shen-k'o Tsa-chi, Vol V, No 5,  
1 Oct 1959, pp 322-325.

JPRS 5914

Medical Workers Must Serve Both the People  
and Production, by Liang I-Wen, 3 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr  
1960, p 16.

JPRS 6493

Don't Be Afraid of K'o-shan Disease,  
by Pao Chien-ching, 4 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 16.

JPRS 6493

The Victory of the Party's Traditional  
Chinese Medicine Policy, by Yeh Ch'u-  
ch'uan, 8 pp.  
CHINESE, np, Jen-min Jih-pao, 8 Apr 1960,  
p 16.

JPRS 6493

Studies on Wound Healing and Tissue  
Regeneration, by Chu Jun, (DC-5210).  
CHINESE, per, Shih-yen Sheng-wu  
Hsueh-pao, Vol VI, No 3, Dec 1959,  
pp 217-225, 227-232, 235-240.

\*JPRS

Scientific  
Medicine (Contd)

Studies on Drugs for Treatment of Hypertension IX. The Hypotensive Effect and Toxicity of "Compound Mixture of the Two Fairies," by Ch'en Wei-chou, (NY-5717).

CHINESE, per, Yao-hsueh Hsueh-pao, Vol VIII, No 1, 1960, pp 35-41.

\*JPRS

Tumour Chemotherapy, IV. Synthesis of Some Arylaliphatic Nitroalcohols and Nitrostyrenes and Their in Vitro Antitumour Activity, by Kao I-sheng, et al, (DC-5187).

CHINESE, per, Yao-hsueh Hsueh-pao, Vol VIII, No 2, 1960, pp 70-75.

\*JPRS

Studies on Drugs for Treatment of Hypertension. XI. Therapy With Decoction of Clerodendron Trichotomum Thumb, in Dog Experiments, by Wang Hsiao-lu, et al., (DC-5187).

CHINESE, per, Yao-hsueh Hsueh-pao, Vol VIII, No 2, 1960, pp 88-93.

\*JPRS

Prospects for the Use of Radioisotopes in Czechoslovakia, by K. Silink, S. Vohnout, 12 pp.

CZECH, per, Ceskoslovenske Zdravotnictvi, Vol VIII, No 2/3, 1960, pp 124-130.

JPRS 5863

Project for Radioisotope Laboratories at the Medical Faculty in Hradec Kralove, by O. Steinbach, 24 pp.

CZECH, per, Ceskoslovenske Zdravotnictvi, Vol VIII, No 2/3, 1960, pp 131-138.

JPRS 5863

Carpal Scaphoid Fracture, by Albert Mouchet. FRENCH, per, Ann de Med Leg, Vol XVI, 1936, pp 307-310.

Navy 2711/IMCS 538

Peptones and Burns, by A. Simonart. FRENCH, per, Bull Acad Med Belg, Vol XX, No 5, 1957, pp 231-246.

Navy 2714/IMCS 535

Scientific  
Medicine (Contd)

Study of the Proteinase of Coccus  
P. III. Specificity, by L. Colobert.  
FRENCH, per, Bull Soc Chim BEibl,  
Vol XL, No 2/3, 1958, pp 423-429.

NRCC TT-844

Regulations Pertaining to the Cambodian-  
Soviet Friendship Hospital, 26 pp.  
FRENCH, per, Journal Official du Cambodge,  
No-25, 23 Jun 1960, pp 905-930.

JPRS 6330

A Rare Lesion of the Carpal Scaphoid Bone,  
by J. Trueta, M. Corachan Llort.  
FRENCH, per, Rev d'Orthop, Vol XXII, Jan/  
Feb 1935, pp 50-57.

Navy 2709/NMCS 530

Bilateral Bipartite Carpal Navicular, by  
S. A. Pokrowski.  
GERMAN, per, Arch fuer Orthop und Unfall  
Chir, Vol XXXV, 1935, pp 313-316.

Navy 2707/NMCS 528

Experience With the Use of Deep Frozen  
Homologous Cortical Bone Chips, by  
H. Busch.  
GERMAN, per, Der Chirurg, Vol XXXI,  
No 7, 1960, pp 289-292.

Navy 2706/NMCS 527

The Coupling of Proteins to Diazotized  
Polyaminostyrene, by N. L. Schleith.  
GERMAN, per, Hoppe-Seyler's Z Physiol  
Chem, Vol CCXCVII, 1954, pp 108-112.

NRCC TT-805

Bilateral Constitutional Bipartite Wrist  
Scaphoid, by Fritz Reckling.  
GERMAN, per, Monaschr fuer Unfallh, Vol  
XLVI, 1939, pp 146-149.

Navy 2710/NMCS 537

Fracture of the Navicular Bone or  
Congenital Malformation, by W. Bergerhoff.  
GERMAN, per, Roentgen Praxis, Vol VII,  
1935, pp 544-546.

Navy 2713/NMCS 539

Scientific  
Medicine (Contd)

The Bipartite Navicular Bone,  
by K. Lange.

GERMAN, per, Roentgen Praxis,  
Vol XI, 1939, pp 566,567.

Navy 2708/NMCS 529

Artificial Teeth by Means of Trans-  
planting Dental Germs, by N. Cserepfalvi.

GERMAN, per, Schweiz Monasschr fuer  
Zahn, Vol LXVI, No 7, 1956,

Navy 2716/NMCS 541

On Causes of Death Following Burns,  
by J. Salviolo.

GERMAN, per, Virchow's Arch Path  
Anat, Vol CXXV, 1891, pp 364-397.

Navy 2704/NMCS 525

The Question of Graphite Pneumo-  
coniosis, by F. Koelsch, 8 pp.

GERMAN, per, Zentr Arbeitsmed und  
Arbeitsschutz, Vol VIII, 1958,  
pp 31-35.

AEC DEG-Inf-Ser-44

Experimental Contribution to the  
Problem of Delayed Death After  
Burns, by E. Bernhard.

GERMAN, per, Z. Exp Med, Vol XCVI,  
1936, pp 278-294.

\*Navy/NMCS

Sections Through the Periosteum in  
Free Bone Transplants, by G. Axhausen.

GERMAN, per, Zentralbl fuer Chir,  
Vol XLVI, No 10, 8 Mar 1919, pp 177-179.

Navy 2717/NMCS 542

A New Method for Routine Clinical Determina-  
tion of Urine Estrogen.

GERMAN, per, Zentralblatt fuer Gynaek,  
Vol LXXXII, No 11, 12 Mar 1960.

Navy 2705/NMCS 526

Bipartite Navicular, by Fritz Bayer.

GERMAN, per, Z. fuer Anat u Entwicklungs-  
gesch, Vol CIII, 1934, pp 634-644.

Navy 2712/NMCS 536

Scientific  
Medicine (Contd)

Investigation of the Decomposition of Alkylphosphates in Blood and Serum, by L. Gyarmati, G. David, (SF-1450). HUNGARIAN, per, Honvedorvos, Vol XII, No 4, Oct-Dec 1960, pp 335-342.

\*JPRS

First Hungarian Conference on Pharmacotherapy, by Boris Dumbovics, 4 pp. HUNGARIAN, per, Magyar Tudomány, No 8, 1960, pp 499, 500.

JPRS 4238

Organizational Development of Health Affairs, by Gyula Vilmon, 8 pp. HUNGARIAN, per, Nepegeszsegugy, Vol XLI, No 4, 1960, pp 87-90.

JPRS 4244

Critique of Phagocytic Doctrine; Protective Apparatus of Anthrax Organisms, by I. L. Kritschewski, E. S. Neronimus. ITALIAN, per, Giornale di Batteriologia e Immunologia, Vol XIV, No 14, 1935, pp 33-39.

\*ACSI H-7928  
ID 2156384

Pathogenic Mechanism of Infection in Experimental Anthrax, by Gian Battista Zorzoli.

ITALIAN, per, Giornale di Batteriologia e Immunologia, Vol XV, No 3, 1935.

\*ACSI H-7930  
ID 2156386

Phagocytosis in Vitro of Capsulated Anthrax Bacilli by Leukocytes of Immunized Animals, by D. Boari.

ITALIAN, per, Giornale di Batteriologia e Immunologia, Vol XX, No 1, 1938, pp 1-18.

\*ACSI H-7929  
ID 2156385

The Pathogenic Mechanisms of Anthrax Bacilli, by Osvaldo Pioli.

ITALIAN, per, Profilassi, Vol VI, No 6, 1933, pp 169-173.

\*ACSI H-7926  
ID 2156382

Contributions to the Serotherapy of Anthrax, by Pio Ritossa.

ITALIAN, per, Settimana Medica, Vol XXVII, No 46, 1939, pp 1327-1334.

\*ACSI H-7927  
ID 2156383



Scientific  
Medicine (Contd)

Vibration and Human Being.  
JAPANESE, pamphlet, The Institute  
for Science of Labor Masamitsu Oshima  
(Reprint), Vol II, No 1-4, 39 pp.

\*ATIC MCL-803/1

Five-Year and Long-Range Plan of Scientific  
Research of the Committee of Veterinary  
Sciences of the Polish Academy of Sciences,  
by Jozef Kulczycki, 8 pp.  
POLISH, per, Medycyna Weterynaryjna,  
Vol XVI, No 7, 1960, pp 385-389.

JPRS 6625

Surgical Lung Decortication in Constructive  
Pleuritis and Constructive Pericarditis,  
by T. Boszkiewicz.  
POLISH, per, Polski Tygodnik Lekarski,  
Vol XIV, No 2, 12 Jan 1959, pp 63-65.

\*ACSI H-7947  
ID 2156391

A. Contributions to the Study of Intestinal  
Parasitoses in a Military Environment, by  
M. Diaconescu, C. Marinide; B. Supplying  
Military Units With Water, by M. Gr.  
Merenteanu, D. Barboi.  
RUMANIAN, per, Revista Sanitara Militara,  
Bucharesti, Vol LV, No 5, Sep/Oct 1959, pp  
778-800, 801-802.

\*ACSI H-8075 A, B  
ID 2158066

Studies on Anthrax; Active Immunity of  
Guinea Pig, by Eugenio Suarez H-E  
Armijo P.  
SPANISH, per, Revista Del Instituto  
Bacteriologico, Vol VI, No 1/2, 1937,  
pp 17-33.

\*ACSI H-8030  
ID 2156414

Anthrax Septicemia: Clinical Consideration,  
by L. Chavosky, F. M. Bouvier.  
SPANISH, per, Semana Medica, No 2, 1942,  
pp 619-621.

\*ACSI H-8029  
ID 2156413

Inhalation Anthrax and Anthrax Meningo-  
Encephalitis, by F. F. Inda, J. Natin.  
SPANISH, per, Semana Medica, No 2, 1947,  
pp 890-896.

\*ACSI H-8031  
ID 2156415

Scientific  
Medicine (Contd)

Effect of Radiant Energy on Changes  
in the Aldolase Activity and the SH  
Groups of Myogen A, by M. A. Kolomi-  
chenko, I. P. Stasevs'ka, (NY-5689).  
UKRAINIAN, per, Ukrain Biokhim Zhur,  
Vol XXXII, No 5, 1960, pp 645-652.

\*JPRS

On Certain Physico-Chemical Properties  
of the Proteins of Blood Serum During  
Malignant Growth, by V. P. Korotkoruchko,  
(NY-5689).

UKRAINIAN, per, Ukrain Biokhim Zhur,  
Vol XXXII, No 5, 1960, pp 655-666.

\*JPRS

Age Changes in the Intensity of Radio-  
active Incorporation in the Proteins  
of the Crystalline Lens, by E. V.  
Cherevichna, T. I. Chikalo, (NY-5689).

UKRAINIAN, per, Ukrain Biokhim Zhur,  
Vol XXXII, No 5, 1960, pp 678-681.

\*JPRS

Surgery in North Vietnam, by Ton That  
Tung, 12 pp.

VIETNAMESE, per, Tin Tuc Hoat Dong  
Khoa Hoc, No 8, 1960, pp 8-13.

JPRS 7136

Scientific  
Minerals/Metals

Metallography and Hot Working of  
Metals, by V. A. Kislik, A. F.  
Troitskiy, et al.

RUSSIAN, bk, Metallovedeniye i  
Goryachaya Obrabotka Metallov,  
1959, pp 316-319, 327-350,  
363-370.

\*ATIC MCL-807/1

The Theory of Creep and Long-Time  
Strength of Metals, by I. A. Odina,  
V. S. Ivanova, V. V. Burdukskiy, V. M.  
Geminov.

RUSSIAN, bk, Teoriya Polzuchesti  
i Dlitel'noy Prochnosti Metallov,  
Chapter VII-IX, Moscow, Metallurgizdat,  
1959, pp 331-438.

BISI 1644

First Ural Conference on Welding,  
by A. M. Safonnikov, (SF-1389).

RUSSIAN, per, Avtomat Svarka, No 9  
(90), 1960, pp 93-96.

\*JPRS

Diffusion of Iron in Magnetite, by  
V. I. Izvekov.

RUSSIAN, per, Inzhenerno-Fiz Zhur,  
Vol I, No 12, 1958, pp 64-68.

\*NRL

The Riches of Nature Are the Riches  
of the People, by A. Betekhtin,  
P. Vilyunov, 6 pp.

RUSSIAN, np, Izvestiya, No 255 (13491),  
26 Oct 1960, p 1.

JPRS 6469

Magnetic Characteristics of Nickel  
Chromium Ferrites, by A. S. Klystov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved  
Fiz, No 6, 1959, pp 168, 169.

\*ACSI H-7934  
ID 2156387

Kinetics and Mechanism of Structural  
Transformation in Tempering of Cold-  
Deformed Alloy Type K 40KhM, by

B. G. Livshits, N. G. Makhukov, 8 pp.

RUSSIAN, per, Nauch Dok Vysshey  
Shkoly, Metal, No 4, 1958, pp 169-173.

ACSI H-7957  
ID 2156397

Scientific  
Minerals/Metals (Contd)

Influence Exerted by Unilateral  
and Allround Dynamic Compression  
on Transformation of Austenite  
Into Martensite, by F. I. Lokshin.  
RUSSIAN, per, Nauch Dok Vysshey  
Shkoly, Metal, No 4, 1958, pp 178-183.

\*ACSI H-7956  
ID 2156396

The Influence of Rate of Heating on  
the Fine Structure of Nickel Iron,  
by I. M. Kidin, 6 pp.  
RUSSIAN, per, Nauch Dok Vysshey  
Shkoly, Metal, No 4, 1958,  
pp 225-228.

ACSI H-7955  
ID 2156395

Genetic Types of Scandium Deposits  
and Their Industrial Significance,  
by A. D. Kalenov.  
RUSSIAN, per, Razvedva i Okhrana  
Nedr, Jun 1959, pp 1-4.

Dept of Interior  
TW 7 E57 No 266

Influence of Nickel on the Strength  
of Austenitic Manganese Steels,  
by V. T. Biryulin, V. D. Sadovskiy.  
RUSSIAN, per, Trudy Inst Fiz Khim  
Ak Nauk SSSR, No 19, 1956, pp 66-71.

\*BISI 2018

Low-Temperature Phenacite From Granite  
Pegmatites of the Altai, by N. E.  
Zalashkova, T. A. Iakovlevskaya.  
RUSSIAN, per, Trudy Mineral Muzeia  
Ak Nauk SSSR, No 9, 1959, pp 172-175.

US Geological Survey  
Denver, Colo

Ilvaite From the Neighborhood of Mt.  
Blagodat' in the Urals, by N. V.  
Svyazhin.  
RUSSIAN, per, Zapiski Vses Mineral  
Obshch, Vol LXXX, 1951, pp 211, 212.

US Geological Survey  
Denver, Colo

Scientific  
Minerals/Metals (Cont.)

Some Features of the Formation of Mercury-Antimony-Tungsten Deposits in the Transbaikal Region, by A. D. Shcheglov.

RUSSIAN, per, Zapiski Vses Mineral Obshch, Vol LXXXVIII, 1959, pp 48-59.

US Geological Survey  
Denver, Colo

Commentson the Article of Smrha and Brodsky: Influencing the Solidification of Ingot Hot Tops by Means of Exothermic Powders and Linings, by N. Chvorinov.

CZECH, per, Hutnicke Listy, Vol XV, No 9, 1960, pp 720-723.

MT 114A

Kinetics of Phase Transformation of U-Pu-Mo Alloys, by Rene Boucher, 23 pp.

FRENCH, rpt No 19 presented at "International Conference on Plutonium Metallurgy, Grenoble, 19-22 Apr 1960."

AEC Tr-4173

X-Ray Diffraction Study of  $\gamma$  Phase Formation in U - Mo Alloys, by G. Donze, 9 pp.

FRENCH, rpt CEA-1231, 1959.

AEC Tr-4241

Research on the Hot Deformation of Steels. II. Hot Torsion Tests; Conclusion, by C. Rossard, P. Blain. FRENCH, per, Series A, Oct 1958, pp 1-83.

BISI 1835

Experimental Investigation of Solidification Cracks in Steels: The Influence of Impurities, by A. Gueussier, R. Castro.

FRENCH, per, Revue de Metal, Feb 1960, p 117.

BISI 1824

Recrystallization of Austenite in Hot-Worked Structural Steel, by S. Gorczyca.

FRENCH, per, Revue Metal Memoires Sci, Feb 1960, pp 153-158.

BISI 1958

Scientific  
Minerals/Metals (Contd)

The Scaling Behaviour of Metals  
as a Function of the Pre-Treatment.  
VI - The Susceptibility to Scaling  
of Plain Carbon Steel Strip After  
Pickling in Different Oxide Acids,  
by A. Petzold.

GERMAN, rpt, Apr 1960, pp 53-56.

\*BISI 1992

Change in Coercivity During Ageing of Soft  
Unalloyed Steels, by M. Nacken, W. Heller.

GERMAN, per, Archiv Eisenhüttenwesen,  
Mar 1960, pp 153-160.

\*BISI 1990

The Influence of Phosphating on the Tensile  
Strength of Steel, by H. Tauscher.

GERMAN, per, Draht, Nov 1960, pp 442-448.

\*BISI 2013

Cause and Effect of Secondary Band Structure  
in Steel, by U. Wyss.

GERMAN, per, Harterei-Tech Mitt, No 1, 1960,  
pp 14-19.

\*BISI 1988

Bonding of Metals: Important Factors of  
Influence on the Bonding Strength, by  
H. Schwarz.

GERMAN, per, Materialpruefung, Vol I,  
No 9, 1959, pp 324-326.

RAE 902

A New Electrolytic Method for Carbide  
Research With Unalloyed Steels, by  
Th. Heczko.

GERMAN, per, Radex Rundschau, No 5/6,  
1957, pp 711-724.

\*BISI 2002

The Determination of Oxide Inclusions in  
Killed and Semi-Killed Plain and Alloyed  
Steels.

GERMAN, per, Radex Rundschau, No 5/6,  
1957, pp 727-737.

\*BISI 2006

Scientific  
Minerals/Metals(Contd)

Study of Metallothermic Process Applied  
to Iron and Steel Production, by  
A. Wimmer.

GERMAN, per, Stahl und Eisen, No 22,  
1960, pp 1469-1477.

HB 4941

On the Tempering of Aluminum-Magnesium-  
Zinc Alloys and the Reversion of Cold-  
Tempering, by W. Koster, K. Kam.  
GERMAN, per, Z fuer Metallkunde,  
Vol XXX, No 9, 1938.

Aluminum Lab  
OT/3824

Fluidity Characteristics of Liquid  
Cast Iron Flushed With Methane Gas,  
by L. Sofroni, et al.

ITALIAN, per, Studii si Cercetari  
de Met, No 4, 1959, pp 525-535.

HB 4939

Effect of Additions of Titanium Metal,  
Ferro-Titanium, and a Copper-Titanium  
Alloy on the Structure of Gray Iron.  
Report VIII, by H. Sawamura, M. Tsuda.  
JAPANESE, per, Tetsu to Hagane, No 11,  
1957, pp 1234-1242.

HB 5027

Scientific  
Nuclear Physics

Study of Americium and Curium Complexes  
With  $\alpha$ -Hydroxy-Isobutyric Acid, by V.  
B. Dedov, M. N. Ryzhov, P. S. Trukhlyayev,  
G. N. Yakovlev, 12 pp.  
RUSSIAN, rpt, 1960.

AEC Tr-4238

Structural Designs of Accelerators, by A.  
N. Komarovskiy, 181 pp.  
RUSSIAN, bk, Stroitel'nyye Konstruktskii  
Uskoriteley, 1958, pp 3, 5-110.

JPRS 7385

A Neutron Detector Having Energy Independent  
Sensitivity in the Range 0.025 to 14  
Mev, by P. I. Vatset, et al.  
RUSSIAN, per, Atomnaya Energiya, Vol VII,  
No 2, 1959, pp 172, 173.

US Geological Survey  
Denver, Colo

New Rules for Transporting Radioactive  
Materials, by A. Shtan', N. Leshchinskiy,  
4 pp.  
RUSSIAN, per, Atomnaya Energiya, Vol VII,  
1959, p 399.

AEC Tr-4227

Concerning the Problem of Increase in In-  
ternal Friction in Uranium in the Process  
of Varying Its Temperature, by Yu. N.  
Sokurskiy, Yu. V. Bobkov, (DC-5087).  
RUSSIAN, per, Atomnaya Energiya, Vol IX,  
No 5, Nov 1960, pp 392-398.

\*JPRS

The Mechanism of the Genesis of Detonation  
of Explosives Upon Impact, by A. F. Belya-  
yev, V. K. Bobolev, Z. I. Ratner, 6 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol I,  
1945, pp 303-305.

JPRS 7526

Problems of Nuclear Physics (Second All-  
Union Conference on Nuclear Reactions at  
Small and Medium Energies), by V. S. Yer-  
makov, T. L. Perel'man, 6 pp.  
RUSSIAN, per, Inzhenero-Fiz Zhur, Vol III,  
No 10, 1960, pp 139-143.

JPRS 6624



Scientific  
Nuclear Physics (Contd)

An Investigation of Salt Carry Off by  
Steam Using Radioactive Isotopes, by A.  
A. Andreyevskiy, Yu. V. Zenkevich, 18 pp.  
RUSSIAN, per, Teploenergetika, Vol II,  
No 9, 1955, pp 37-42.

AEC UCRL-Tr 501(I)

On the Quantum-Mechanical Many-Body Prob-  
lem; an Expansion of the Gibbs Potential  
for a System of Many Particles, by Claude  
Bloch, Cyrano de Dominicis, Jules Horo-  
witz, 146 pp.

FRENCH, per, Nuclear Phys, Vol VII, 1958,  
pp 451-479; Vol VIII, 1958, pp 91-105;  
Vol X, 1959, pp 181-196, 509-526.

AEC Tr-3865

Leak Testing by Means of Helium, by C.  
Level de Curnieu, 20 pp.

ITALIAN, bk, VI Rassegna Internazionale  
Elettronica e Nucleare, 1959, 20 pp.

AEC NP-Tr-484

A Model of a Magnetic-Field Type Deu-  
terium Source, by G. Perona, A. Persano,  
9 pp.

ITALIAN, per, Nuovo Cimento, Vol I, No 10,  
1955, pp 501-503.

AEC UCRL-Tr-595(L)

Measurement of Low  $\alpha$  -and  $\beta$  -Activities in  
Water, by A. Dannecker, H. Kiefer, R. Maus-  
hart, 28 pp.

POLISH, per, Nukleonik, Vol I, 1959, pp 319-  
324.

AEC UCRL-Tr-548(L)

1959 Activities of the Swedish Firm, Aktie-  
bolaget Atomenergi, by Seth Svensson, (DC-  
5240).

SWEDISH, bk, Aktiebolaget Atomenergi, Verk-  
samheten 1959, 1960, pp 1-15.

\*JPRS

Compensation of the Electron Space Charge  
by Ions of Alkali Metals, by M. E. Gurtoviy,  
N. M. Livshits.

UKRAINIAN, per, Fizicheskii Sbornik, No 9,  
1956, pp 93-101.

\*ATIC MCL 822/1

Scientific  
Physics

Photosynthesis and the Theory of Obtaining  
High Crop Yields, by A. A. Nichiporovich, 58 pp.  
RUSSIAN, Izdat Ak Nauk SSSR, 1956.

AIBS

Dynamic Stability of Elastic Systems, by V. V.  
Bolotin.  
RUSSIAN, bk, Dinamicheskaya Ustoichivost'  
Uprugikh Sistem, Vol XIV, Sec 58, 1956, pp 311-317,  
321, 322, 401-404, 415-424.

DSIR LLU RTS 1322,  
1323, 1324, 1325

Magnetic Emission of High Temperature Plasma,  
by B. A. Trubnikov, 162 pp.  
RUSSIAN, bk, Magnitnoye Izluchenie Vysokotem-  
peraturnoi Plasmy, 1958.

AEC Tr-4073

Applied Theory of Gyroscopes, by B. V. Bulgakov,  
282 pp.  
RUSSIAN, bk, Prikladnaya Teoriya Giroskopov,  
1955, 355 pp.

OTS 60-21166  
PL-480

Electron Paramagnetic Resonance Spectra Observed  
When Leaves of Plants Are Illuminated, and the  
Photoreduction Reactions of Chlorophyll and  
Its Analogues, by N. N. Budnov, A. A. Krasnovskiy,  
A. V. Umrikhina, V. R. Tsepalov, V. Ya.  
Shlyapintokh, 19 pp.  
RUSSIAN, per, Biofizika, Vol V, 1960, pp 121-126.

AEC UCRL-Tr-560

Measurement of Ignition Limits by the Jet  
Method, by V. Kondrat'yev, 6 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIX, No 2,  
1945, pp 116-118.

JPRS 7564

The Relationship of the Maximum Density of the  
Explosives With the Value of the Charge Diameter,  
by A. F. Belyayev, A. E. Belyayeva, 7 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol L, 1945,  
pp 295-297.

JPRS 7524

Isotope Effect in the Mutual Solubility of  
Liquid Deutero-Compounds, by I. B. Rabinovich,  
et al.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CV, No 1,  
1955, pp 108-111.

NRCC-TT-875

Scientific  
Physics (Contd)

Nucleation and Development of Cracks in Deformed Crystals, by L. A. Kochanova, E. D. Shchukin, V. I. Lichtman, P. A. Reh binder, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 1, 1960, pp 71-73.

Navy Tr 2731/  
NRL 826

The Piston Problem in Magnetohydrodynamics, by A. A. Barmin, V. V. Gogosov, (NY-5659).  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1041-1043.

\*JPRS

The Structure of Mach Lines in Relaxing Media, by I. P. Stakhanov, Ye. V. Stupochenko, (NY-5659).  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 5, 1960, pp 1044-1047.

\*JPRS

Distortion of Central Angles, the Vertexes of Which Are Located Near the Principal Point of the Photograph, 14 pp.  
RUSSIAN, per, Geodezist, No 5, 1930, pp 12-21.

JPRS R-108-N/40

The Determination of Radial Lines of Photographs, 3 pp.  
RUSSIAN, per, Geodezist, No 11, 1930, pp 67-69.

JPRS R-108-N/84

Applied Phototriangulation, 11 pp.  
RUSSIAN, per, Geodezist, No 5, 1931, pp 47-54.

JPRS R-109-N/37

The Determination of the Elements of Exterior Orientation in a Picture From Direction Distortions, 9 pp.  
RUSSIAN, per, Geodezist, No 11/12, 1931, pp 26-31.

JPRS R-109-N/63

Obtaining the Sketch Map From Non-Rectified Aerial Photographs, 3 pp.  
RUSSIAN, per, Geodezist, No 3/4, 1933, pp 103, 104.

JPRS R-111-N/20

Study of, and Field Work With, Kern Double Image Tachymeter, 18 pp.  
RUSSIAN, per, Geodezist, No 8, 1934, pp 34-46.

JPRS R-112-N/34

Scientific  
Physics (Contd)

Predicting the Height of the 700-MB Isobaric Surface by Means of the "Ural" Electronic Computer, by V. I. Gubin, S. Karimberdyeva, 8 pp. RUSSIAN, per, Iz Ak Nauk UzSSR, Ser Fiz-Matemat, Nauk, No 3, 1960, pp 38-43.

JPRS 6465

Solubility of Metal Oxides in Molten Salts, by N. K. Voskresenskaya, G. N. Kashcheyev, 27 pp. RUSSIAN, per, Iz Sektora Fiz-Khim Anal, Inst Obshch Neorg Khim, Ak Nauk SSSR, Vol XXVII, 1956, pp 255-267.

AEC Tr-4233

Information Capabilities of Modern Electronic Computers, by V. M. Glushkov, 6 pp. RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Elektro-mekh, Vol III, No 7, 1960, pp 3-8.

JPRS 6598

New Acoustic Method of Flaw Detection and Some Results of Its Application, by Yu. V. Lange. RUSSIAN, per, Priborostroyeniye, No 6, 1959, pp 23-25.

TIL T-5084

Ultrasonic Echoundings for Geophysical Purposes, by L. A. Sergeyev. RUSSIAN, per, Prik Geofiz, 1958, pp 140-154.

\*Navy/HO-115

Some Precise Solutions of the Equations of Uniform Unsteady Motion of an Ideal Gas, by N. N. Kochina. RUSSIAN, per, Prik Matemat i Mekh, Vol XXI, No 4, 1957, pp 449-458.

TIL T-4982

The Stability (Based on Linear Approximation) of the Periodic Solution of the System of Differential Equations Having Discontinuous Right-Hand Sides, by M. A. Aizerman, F. R. Gantmakher. RUSSIAN, per, Prik Matemat i Mekh, Vol XXI, 1957, pp 658-669.

RAE 890

Spectrum Analysis, by K. I. Taganov, (NY-5629). RUSSIAN, per, Priroda, No 6, 1960, pp 27-34.

\*JPRS

Scientific  
Physics (Contd)

From Camera to Subject - 1,320 Yards New Soviet  
Telephoto Lenses MTO-500 and MTO-1000, 8 pp.  
RUSSIAN, per, Sovet Foto, No 9, 1960.

USASIA Tr-1096

Results and Outlook of Scientific Activities  
of the Institute of the Physics of Metals, by  
M. N. Mikheyev, 11 pp.  
RUSSIAN, per, Trudy Inst Fiz Metal, Ak Nauk SSSR,  
Ural Filial, No 20, 1958, pp 5-11.

AEC Tr-4081

Experimental Research on the Mechanical Action  
of the Shock Wave of an Explosion, by M. A.  
Sadovskiy, 108 pp.  
RUSSIAN, per, Trudy Seysmologicheskogo Inst,  
No 116, 1945, pp 1-44.

JPRS 7354

Some Possibilities of Using Polarized Thermal  
Neutrons Related to the Nonconservation of  
Parity in  $\beta$ -Decay.  
RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXV, No 1,  
1958, pp 133-140.

NRCC-TT-857

Third Conference on the Theory of Semiconductors,  
by A. Ye. Glauberman, I. V. Smasyuk, 53 pp.  
RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXI, No 1,  
May 1960, pp 117-130.

JPRS 7361

Eighth All-Union Conference on Luminescence,  
by N. A. Berisevich, M. A. Yel'yashevich, B. I.  
Stepanov, 26 pp.  
RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXI, No 1,  
1960, pp 131-136.

JPRS 7362

The Generation, Intensification and Indication  
of Infrared and Optical Radiation With the Help  
of Quantum Systems, by N. G. Basov, O. N.  
Krokhin, Yu. M. Popov.  
RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXII, No 2,  
1960, pp 161-209.

\*ATIC MCL-821/1

Problems of the Physics of Low Temperatures, by  
I. M. Khalatnikov, (SF-1440).  
RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960,  
pp 28-35.

\*JPRS

Scientific  
Physics (Contd)

Theory of Formation of a New Phase-Cavitation,  
by Ya. B. Zel'dovich, 41 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XII,  
No 11/12, 1942, pp 525-538.

JPRS 7366

On the Possibility of Rarefaction Shock Waves,  
by Ya. B. Zeldovich, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XVI,  
No 4, 1946, pp 363, 364.

JPRS 7320

On the Propagation of Shock Waves in Gases With  
Reversible Chemical Reactions, by Ya. Zel'dovich,  
7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XVI,  
No 4, 1946, pp 365-368.

JPRS 7319

Luminescence Temperature Measurements of Explo-  
sions by an Optical Method, by M. N. Alentsev,  
A. F. Belyayev, N. N. Sobolev, B. M. Stepanov,  
16 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XVI,  
No 11, 1946, pp 990-995.

JPRS 7318

Magnetic Susceptibility of Solid Oxygen at Low  
Temperatures, by A. S. Borovik-Romanov, 11 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXI,  
1951, pp 1303-1308.

AEC UCRL-Tr-555

On Methods of Evaluation of the Local Effect  
of an Explosion, by M. A. Sadovskiy, 12 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XX, No 11,  
1946, pp 1371-1375.

JPRS 7444

Spatial Distribution of Precipitates on  
Crystallization of Mutually Diffusing Substances,  
by P. B. Afanas'yev, Ya. B. Zel'dovich, O. M.  
Todes, 33 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIII, No 2,  
1949, pp 156-179.

JPRS 7260

Scientific  
Physics (Contd)

Mathematical Formulation of the Theory of  
Periodic Precipitation, by Ya. B. Zel'dovich,  
O. M. Todes, 18 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIII, No 2,  
1949, pp 180-191.

JPRS 7261

Interface Surface Tension of Mutually Soluble  
Liquids, by Ya. B. Zel'dovich, 8 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIII, No 2,  
1949, pp 931-935.

JPRS 7262

Detonation of Hydrogen-Air Mixtures, by A. M.  
Brodskiy, Ya. B. Zel'dovich, 13 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIV, No 7,  
1950, pp 778-785.

JPRS 7259

The Photoconductivity of Dyed Organic Film  
When Exposed to Visible Light, by A. T. Vartanian,  
I. A. Karpovich.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII, No 5,  
1954, pp 856-864.

NRCC TT-815

Some of the Main Research Problems of Semicon-  
ductors, by Huang K'un, (NY-5705).

CHINESE, per, K'o-hsueh Hsin-wen, No 22,  
27 Jul 1959, pp 2-5.

\*JPRS

On the Approximation Theory of Momentum in  
the Nuclear Cleavage Reaction of Deuterium,  
by Wang Te-yu, Ch'iu Hsi-chun, Li Pai-wen,  
Yu Min, (NY-5720).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 3,  
1960, pp 123-131.

\*JPRS

Surface Oscillations of Even-Even Nuclei,  
by Ch'en Hung-t'iao, (NY-5720).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 3,  
1960, pp 132-142.

\*JPRS

An Extension of Kirkwood's Variational Method  
in the Theory of Liquids, by Wu Hang-sheng,  
Yang Kuo-shen, (NY-5720).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 3,  
1960, pp 143-154.

\*JPRS

Scientific  
Physics (Contd)

The Formation of Cube Texture in an Iron Silicon Alloy, by Chou Pang-hsin, Wang Wei-man, Ch'en Neng-k'uan, (NY-5720).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 3, 1960, pp 155-159.

\*JPRS

The Design, Installation and Operation of a 400 Kilovolt High Voltage Installation, by Yang Ch'eng-chung, Wu En-chiu, Lu Yu-ch'ing, Hsu Ming, Yeh Mei-ling, Hsu Shu-chun, (NY-5720).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 3, 1960, pp 160-167.

\*JPRS

Research and Construction of Metal Diffusion Pump, by Chin Chien-chung, Ts'ui Sui-hsien, (NY-5720).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 3, 1960, pp 168-174.

\*JPRS

Theory of High Order Aberrations, by Wang Chih-chiang, (NY-5719).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 4, 1960, pp 189-204.

\*JPRS

The Aberrations of Cylindrical Optical Systems, by Wang Chih-chiang, (NY-5719).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 4, 1960, pp 205-213.

\*JPRS

A Magnetic Study of Some Iron-Nickel-Aluminum Alloys, by Wang Huan-yuan, Chang Shou-keng, P'an Hsiao-shih, (NY-5719).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 4, 1960, pp 214-228.

\*JPRS

The Mechanisms of a Slip Dislocation in a Crystal, by Sun Jui-fan, M. P. Shaskol'skaya, (NY-5719).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 4, 1960, pp 229-240.

\*JPRS



Scientific  
Physics (Contd)

Liquid Nitrogen Pressure Stabilizing Equipment of the Condensation Collection Device of a Diffusion Vacuum Pump, by Ch'en Pao-hua, Li Ch'ao, Sung Ts'ang-chou, Hsu Tseng-ta, (NY-5719). CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 4, 1960, pp 241-244.

\*JPRS

Optical Image Formation in Terms of Fourier Summation and Its Relation to Information Transmission, by T'an Wei-han, Wang Chih-chiang, (NY-5719).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 6, 1960, pp 305-315.

\*JPRS

The Frequency Response Function in a Coherent Optical System and Its Frequency Selection Characteristics in Transmitting Optical Information, by T'an Wei-han, (NY-5719).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 6, 1960, pp 316-323.

\*JPRS

Polarization in the Nucleon-Deuteron Scattering, by Shih Hsueh-tan, Lo Liao-fu, Hsu Hsing, Huang Nien-ming, (NY-5719).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 6, 1960, pp 324-330.

\*JPRS

The Electromagnetic Structure of Particles of Spin One, by Shih Hsueh-tan, Lo Liao-fu, (NY-5719).

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 6, 1960, pp 331-337.

\*JPRS

Using a Hard Glass Tube in Place of Quartz Tube in the Physical Refining of Germanium, by Ch'en Ch'uan-li, 6 pp.

CHINESE, per, Wu-li T'ung-pao, No 5, 1960, p 223.

JPRS 5838

Scattering of Light. XIII. Application of Nomographs With Zimm Method of Light Scattering, by P. Munk, J. Nyvlt.

CZECH, per, Chem Listy, Vol LIII, 1959, pp 537-539.

NRCC TT-891

Scientific  
Physics (Contd)

Studies of the Effect of Titanium on the Resistance of Stainless Steel Containing 28% Cr and 9% Ni to Inter-Crystalline Corrosion, by Vladimir Cihal, Rudolf Pospisil, 13 pp. CZECH, per, Hutnicke Listy, Vol XI, 1956, pp 284-290.

AEC Tr-4232

Production of Millimicrosecond Pulses With Amplitudes Up to 30 KV, by K. Kult. CZECH, per, Slaboproudý Obzor, No 19, May 1958, pp 292-295.

\*ACSI H-6934  
ID 2156390

Interior Ballistics of Guns, by F. Polansky, 100 pp. CZECH, per, Vnitri Balistika Del, 1958, pp 192-259.

ACSI H-6412  
ID 2161166

Application of Microhardness Measurements to the Study of Diffusion Zones, by V. Levy, 15 pp. FRENCH, rpt, Application des Mesures de Microdurete a l'Etude des Zones de Diffusion, 1959.

AEC Tr-4242

The Uranides and Their Physical Homology, by C. G. Bedreag, 13 pp. FRENCH, per, Analele Stiint Univ "Al. I. Cuza" Iasi, Sect I (NS), Vol I, 1955, pp 231-242.

AEC Tr-4108

The Mechanical Action of Explosives, by M. Giltaire. FRENCH, per, Centre d'Etudes et Recherche des Charbonnages de France, No 650, Sep 1955.

US Bur of Mines  
Pittsburg, Pa

An Analogy Between Ion Source Operation and Probes at High Frequencies, by F. Bertein, A. Pozwolski, 4 pp. FRENCH, per, Comptus Rendus, Vol CCXLII, 1956, pp 2517-2519.

AEC UCRL-Tr-575(L)

Construction of a Proton Source With Low Arc Voltage, by D. Porte, 6 pp. FRENCH, per, Comptus Rendus, Vol CCXLV, 1957, pp 2233-2236.

AEC UCRL-Tr-574(L)

Scientific  
Physics (Contd)

A New Principle for Ion Sources of High Intensity,  
by J. Sommeria, 4 pp.

FRENCH, per, J. Phys Radium, Vol XII, 1951,  
pp 563, 564.

AEC UCRL-Tr-594(L)

Theory of Ion Sources With Oscillating Electrons,  
by Max Hoyaux, 19 pp.

FRENCH, per, J. Phys Radium, Vol XV, 1954,  
pp 264-272.

AEC UCRL-Tr-577(L)

Production of an Intense Beam of Neutrons, by  
F. Prevot, R. Vienet, 4 pp.

FRENCH, per, J. Phys Radium, Vol XVI, 1955,  
p 238.

AEC UCRL-Tr-590(L)

Value of Testing in a Strong Magnetic Field, by  
P. Bastien, A. Sulmont.

FRENCH, per, Memoires Scientifiques de la Metal-  
lurgie, Jul 1959, pp 131-143.

\*BISI 1607

Laminar Separation in Two Dimensions - Comparison  
Between Theory and Experiment, by E. A. Eichel-  
brenner, W. Werle.

FRENCH, per, Office National D'Etudes et de  
Recherches Aeronautiques. La Recherche Aeron-  
autique, No 51, May/Jun 1956.

Navy Tr-2703/  
DTMB T-297

Interference Effects Due to Vortex Sheets  
According to Slender Body Theory, by A. von  
Baranoff.

FRENCH, per, La Recherche Aeronautique, Vol LXXII,  
1959, pp 3-11.

RAE 892

Theory of Ionized Media With Translational  
Symmetry, by Max Hoyaux, 61 pp.

FRENCH, per, Rev Gen Elec, Vol LX, 1951,  
pp 279-291.

AEC UCRL-Tr-578(L)

Application of Chromatography to the Analysis  
of Gas Mixtures Extracted From Metals by Vacuum  
Melting Under Reducing Conditions, by C. Baque,  
L. Champeix.

FRENCH, per, Revue de Metallurgie, Oct 1960,  
pp 919-923.

\*BISI 2010

Scientific  
Physics (Contd)

A Simple Texture Camera, by M. Renouard, T. Do Khac.

FRENCH, per, Revue Metallurgie Memoires Scientifiques, Oct 1960, pp 759-777.

\*BISI 2009

A Study of Celestial Ultraviolet Radiation, by Jacqueline Lenoble, 10 pp.

FRENCH, per, Revue d'Optique, Jun 1959.

USASIA Tr-1107

A General Formulation of the Surface Reactions With the Use of Angle Distribution in Stripping Reactions, by H. A. Weidenmuller, 32 pp.

GERMAN, bk, Eine Allgemeine Formulierung der Theorie der Oberflächenreaktionen mit Anwendung Auf die Winkelverteilung bei Strippingreaktionen.

AEC Tr-3720

Influence of the Inclination Towards the Horizontal Line of an Articulated Beam on the Dynamic Reactions of an Articulated Type Undercarriage, by Heinrich Kornmuller.

GERMAN, bk, Jahrbuch der Deutschen Luftfahrtforschung, 1959, pp 37-50.

\*ATIC MCL-826/1

Construction of an Accelerator Tube for Ions at 700 KV. Development of Ion Sources With Oscillating Electrons, by J. Sommeria-Klein, 73 pp.

GERMAN, per, Ann Phys, Vol I, 1956, pp 344-394.

AEC UCRL-Tr-592(L)

A Cyclotron Ion Source, by H. Baumgartner, P. C. Gugelot, P. Scherrer, C. R. Extermann, P. Preiswerk, 3 pp.

GERMAN, per, Helv Phys Acta, Vol XV, 1942, pp 333-334.

AEC UCRL-Tr-528(L)

Analysis of an Ion Source With 60 KV Acceleration Voltage, by P. Huber, F. Metzger, 4 pp.

GERMAN, per, Helv Phys Acta, Vol XIX, 1946, pp 200-202.

AEC UCRL-Tr-581(L)

A New Electron Source and Its Inversion as an Ion Source, by R. Keller, 4 pp.

GERMAN, per, Helv Phys Acta, Vol XXI, 1948, p 170.

AEC UCRL-Tr-579(L)

Scientific  
Physics (Contd)

A New Electron Source and Its Inversion as an Ion Source, by P. Lorrain, 4 pp.

GERMAN, per, Helv Phys Acta, Vol XXI, 1948, pp 497, 498.

AEC UCRL-Tr-580(L)

Application of Radioactive Isotopes in Metallurgy and Metal Physics, by I. S. Kulikov.

GERMAN, per, Neue Hutte, Jul 1960, pp 420-425.

\*BISI 1991

The Theory of Photoelectric Emission, by P. Gorlich, H. Hora, 11 pp.

GERMAN, per, Optik, Vol XV, 1958, pp 116-126.

AEC UCRL-Tr-564(L)

A Neutron Generating Tube Without Vacuum Pumps, by F. M. Penning, J. H. A. Moubis, 14 pp.

GERMAN, per, Physica, Vol IV, 1937, pp 1190-1199.

AEC UCRL-Tr-585(L)

The Influence of Anharmonicity on the Properties of Crystals, by W. Ludwig.

GERMAN, per, Phys and Chem Solids, Vol IV, No 4, 1958, pp 283-305.

NRCC-TT-831

Pressure Loss and Heat Transfer for Turbulent Flow, by Rudolph Koch, 139 pp.

GERMAN, per, VDI-Forschungsh, No 469, pp 1-44.

AEC Tr-3875

A New Method of Plasma Generation for Ion Sources, by A. Ziegler, 6 pp.

GERMAN, per, Z Angew Phys, Vol X, 1958, pp 185, 186.

AEC UCRL-Tr-589(L)

Theory on the States of Matter, by P. P. von Weimarn, 24 pp.

GERMAN, per, Z Chem und Ind Kolloide, Vol II, 1917-1918, pp 275-284.

AEC Tr-4234

Theory on the States of Matter, by P. P. von Weimarn, 18 pp.

GERMAN, per, Z Chem und Ind Kolloide, Vol II, 1907-1908, pp 301-307.

AEC Tr-4235

Scientific  
Physics (Contd)

Theory on the States of Matter, by P. P. von Weimarn, 22 pp.

GERMAN, per, Z Chem und Ind Kolloide, Vol II, 1907-1908, pp 326-335.

AEC Tr-4236

A High Frequency Discharge Ion Source, by Hugo Neuert, 17 pp.

GERMAN, per, Z Naturforsch, Vol IVa, 1949, pp 449-455.

AEC UCRL-Tr-588(L)

The Effect of Geometry on the Hall Effect in the Case of Rectangular Semiconducting Plates, by Hans-Joachim Lippmann, Friedrich Kuhrt, 31 pp. GERMAN, per, Z Naturforsch, Vol XIIIa, 1958, pp 474-483.

AEC UCRL-Tr-490(L)

Mechanical Relaxation in Pure Monocrystals of Ice, by P. Schiller.

GERMAN, per, Z Physik, Vol CLIII, 1958, pp 1-15.

NRCC TT-890

A New Infra-Red Absorption Spectrum of Ice, by R. Mutter, R. Macke, W. Luttke.

GERMAN, per, Z Physik Chem Neue Folge, Vol XIX, No 1/2, 1959, pp 83-88.

NRCC TT-854

Axi-Symmetric Collapsing of Circular Shells, by Masao Yoshiki, Yoshiyuki Yamamoto, Tomio Suzuki, 11 pp.

JAPANESE, Attachment to NA Tokyo 125-59 of 21 Apr 1959.

Navy 2720/ONI 784

On the General Solution of the Basic Equation of Thermal Conduction, by M. Sawada.

JAPANESE, per, J Soc Mech Engr, Vol XXXV, No 183, 1932, pp 695-700.

NRCC TT-895

Problems of Thermal Conduction in One Dimension in Bodies With Varying Conductivities by Duhamel's Method, by M. Sawada.

JAPANESE, per, J Soc Mech Engr, Vol XXXVI, No 190, 1933, pp 127-130.

NRCC TT-896

Scientific  
Physics (Contd)

On the General Solution of the Fundamental Equation of Thermal Conduction in Bodies Whose Thermal Coefficients Are Affected by Temperature, by M. Sawada.

JAPANESE, per, J Soc Mech Engrs, Vol XXXVII, No 201, 1934, pp 15-21.

NRCC TT-897

Radio-Frequency Ion Source, by Fernando Alba Andrade, Eduardo Diaz Losada, Alonso Fernandez, Indalecio Gomez, 7 pp.

SPANISH, per, Rev Mex Fis, Vol III, 1954, pp 107-114.

AEC UCRL-Tr-596(L)

Physical Phenomena During the Operation of an Arc Discharge Cathode in Cesium Pairs, by N. D. Morgulis, P. M. Marchuk.

UKRAINIAN, per, Ukrain Fiz Zhur, No 1, 1956, pp 60-71.

\*ATIC MCL-823/1

Scientific  
Space Research

A Radio Station Over Our Planet, by  
F. Chestnov.

RUSSIAN, np, Krasnaya Zvezda, No 220,  
17 Sep 1960, p 4.

\*ATIC MCL 825/1

Artificial Earth Satellites and Mete-  
oric Bodies, by B. Yu. Levin, (SF-1381).  
RUSSIAN, per, Meteoritika, No 18, 1960,  
pp 20-25.

\*JPRS

The Development of Cosmic Research in  
the USSR, by L. I. Sedov, (SF-1440).  
RUSSIAN, per, Vest Ak Nauk SSSR, No 11,  
1960, pp 10-14.

\*JPRS

Problems of Biology and Cosmic Flight,  
by N. M. Sisakyan, (SF-1440).  
RUSSIAN, per, Vest Ak Nauk SSSR, No 11,  
1960, pp 15-24.

\*JPRS

The World's First Nuclear Freighter, by  
W. Mysken, W. G. Bonsel, 6 pp.  
DUTCH, per, De Kern, No 1, Nov 1960.

Maritime Admin  
Div Off Sv



Scientific  
Miscellaneous

USSR Academies of Science Information  
From the 1959 Annual of the Soviet  
Encyclopedia, 50 pp.

RUSSIAN, bk, Bol'shaya Sovetskaya Ent-  
siklopediya -- Yezhegodnik, 1959, 1959,  
pp 71-73, 97, 98, 102, 103, 112, 113,  
118, 119, 123, 128, 134, 140, 166, 170,  
171, 175, 182, 186.

JPRS 7348

French-to-Russian Machine Translation,  
by O. S. Kulagina, 40 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 3,  
1960, pp 181-208.

JPRS 6492

An Algorithm for Translating From the  
English Language Into Russian, by T. N.  
Moloshnaya, 83 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 3,  
1960, pp 209-272.

JPRS 6492

Some Data on the Distribution of Multiple-  
Stem Verbs in Connection With the Problem  
of Compiling a Stem Dictionary for Machine  
Translation, by R. M. Frumkina, 13 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 4,  
1960, pp 197-205.

JPRS 6494

Engineering Cybernetics, by A. G. Ivakhnenko,  
407 pp.

RUSSIAN, monograph, Tekhnicheskaya Kiber-  
netika, Sistemy Avtomaticheskogo Upravleniya  
s Prisposobleniyem Kharakteristik, 1959,  
pp 1-422.

JPRS 6650

Selected Articles From the Book "Voprosy  
Statistiki Rechi," 1958.

The Engineering Significance of the Sta-  
tistical Investigation of Speech, by L. A.  
Varshavskiy, pp 5-11.

JPRS 6543

The Power Characteristics and the Correla-  
tion Interval of Stochastic Signals, Par-  
ticularly Speech Signals, by N. A. Zhelez-  
nov, pp 12-25.

JPRS 6543

Scientific  
Miscellaneous (Contd)

Selected Articles From the Book "Voprosy Statistiki Rechi," 1958.

The Use of Statistical Methods to Determine the Phonetic Membership of an Individual Vowel Sound, by L. A. Chistovich, pp 26-35.

JPRS 6543

Statistics on the Time Distribution of Segments of the Characteristic Utterance of Russian Vowels, by M. F. Derkach, pp 36-39.

JPRS 6543

Statistics of the Perception of Voiceless Stops and Spirants as a Function of Their Duration, by M. F. Derkach, pp 40-44.

JPRS 6543

The Relationship Between Structural and Statistical Methods in Modern Linguistics, by I. I. Revzin, pp 45-57.

JPRS 6543

Linguistic Probability, by L. R. Zinder, pp 58-61.

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Probability Determination of Linguistic Time, by V. V. Ivanov, pp 62-72.

JPRS 6543

The Use of Statistical Methods in the Experimental-Phonetic and Psychological Study of Speech, by V. A. Artemov, pp 73-84.

JPRS 6543

Some Problems in the Statistical Investigation of Lexical Groups, by R. G. Piontrovskiy, pp 85-92.

JPRS 6543

On the Russian Frequency Dictionary, Based on Material From Mathematics Texts, by Z. M. Volotskaya, I. N. Shelimova, A. L. Shumilina, I. A. Mel'chuk, T. N. Moloshnaya, pp 93-99.

JPRS 6543

The Statistical Investigation of Syllable Structure, by Ye. V. Paducheva, pp 100-111.

JPRS 6543

Scientific  
Miscellaneous (Contd)

Selected Articles From the Book "Voprosy  
Statistiki Rechi," 1958.

Statistics on the Relationship Be-  
tween Ending and Gender of French  
Nouns, by I. A. Mel'chuk, pp 112-130.

JPRS 6543

The Structure of the Vietnamese Verb  
Syntagma, by Yu. K. Lekomtsev, pp 131-148.

JPRS 6543

Construction of an Algorithm for Independ-  
ent Grammatical Analysis of the Russian  
Language, by T. M. Nikolayeva, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII,  
No 5, 1960, pp 1049, 1050.

JPRS 6505

Paving the Foundation for the Experimental  
Nuclear Reactor of the Institute of Physics  
of the Academy of Sciences, Latvian SSR, by  
I. Kruss, 4 pp.  
RUSSIAN, per, Iz Ak Nauk Latvyskoy SSR,  
No 6. (155), 1960, pp 205, 206.

JPRS 6502

Election of Academicians and Corresponding  
Members of the Academy of Sciences, USSR,  
(NY-5695).  
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 10, 1960, pp 1905-1908.

\*JPRS

Quasi-Topological Method of Letter Recog-  
nition, by V. A. Garmash, V. S. Pereverzev,  
V. M. Tsirlin, 6 pp.  
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh  
Nauk, Energetika i Avtomat, No 3, 1960,  
pp 180-182.

JPRS 6633

News of the Siberian Department of the  
Academy of Sciences USSR, by A. K. Cher-  
nenko, K. Ye. Mironov, 6 pp.  
RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk  
SSSR, No 3, 1960, pp 129-132.

JPRS 4271

Penetrating the Secrets of Life, by G.  
Frank, 4 pp.  
RUSSIAN, np, Nedelya (Supplement of Izvest-  
iya), No 30, 18-24 Sep 1960, p 9.

JPRS 4239

Scientific  
Miscellaneous (Contd)

The Ways of Science, by A. N. Nesmeyanov,  
(SF-1391).  
RUSSIAN, np, Pravda, No 366, 31 Dec 1960.

\*JPRS

Problems in the Development of Automation,  
by V. A. Trapeznikov, 4 pp.  
RUSSIAN, np, Sovetskaya Aviatsiya, 13 Jul  
1960, p 4.

JPRS 6411

Information and Bibliographic Work in the  
Scientific Research Organization, by B. I.  
Gol'dgamer, 17 pp.  
RUSSIAN, per, Sovet Bibliografiya, No 52,  
1958, pp 65-73.

JPRS 6633

General Meeting of the Academy of Pedagog-  
ical Sciences of the RSFSR, 9 pp.  
RUSSIAN, per, Sovetskaya Pedagogika, No 9,  
1960, pp 156-160.

JPRS 6584

The Problem of Government in the Russian  
Language, 10 pp.  
RUSSIAN, per, Vest Ak Nauk Kazakh SSR,  
No 2, 1960, pp 85-91.

JPRS 6505

V. I. Lenin and Science, by A. V. Topchiyev,  
(NY-5694).  
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXX,  
No 6, 1960, pp 21-37.

\*JPRS

General Assemblies of the Departments of  
the Academy of Sciences USSR, (NY-5694).  
RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXX,  
No 6, 1960, pp 38-47.

\*JPRS

For the Further Strengthening of the Ties  
of Science and Production, by A. V. Top-  
chiyev, 8 pp.  
RUSSIAN, per, Vest Ak Nauk SSSR, No 8, 1960,  
pp 3-9.

JPRS 6301

The Latest Developments in Applied Linguis-  
tics, by N. D. Andreyev, 10 pp.  
RUSSIAN, per, Vest Ak Nauk SSSR, No 9, 1960,  
pp 65-72.

JPRS 6507

Scientific  
Miscellaneous (Contd)

The Gratifying Task of Scientists, by  
A. V. Topchiyev, (SF-1440).  
RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960,  
pp 3-8.

\*JPRS

New Books -- Publishing House of the Academy  
of Sciences USSR, (SF-1440).  
RUSSIAN, per, Vest Ak Nauk SSSR, No 11, 1960,  
pp 137-142.

\*JPRS

Linguistic Problems of Cybernetics and Struc-  
tural Linguistics, by S. K. Shaumyan, 16 pp.  
RUSSIAN, per, Voprosy Filosofii, No 8, Sep  
1960, pp 120-131.

JPRS 6506

Conference on Speech Statistics, by V. A.  
Uspenskiy, 6 pp.  
RUSSIAN, per, Voprosy Yazykoznaniya, No 1,  
1958, pp 170-173.

JPRS 6445

On Linguistic Probability, by L. R. Zinder,  
8 pp.  
RUSSIAN, per, Voprosy Yazykoznaniya, No 2,  
1958, pp 121-125.

JPRS 6445

On the Theory of Word Subclasses, by A. A.  
Kholodovich, 18 pp.  
RUSSIAN, per, Voprosy Yazykoznaniya, Vol IX,  
No 1, 1960, pp 32-43.

JPRS 6575

On "Connected" Syntactic Constructions in  
Russian, by D. N. Shmelev, 24 pp.  
RUSSIAN, per, Voprosy Yazykoznaniya, No 5,  
1960, pp 47-60.

JPRS 6588

The Problem of Homonymy and Polysemy, by M.  
M. Fal'kovich, 7 pp.  
RUSSIAN, per, Voprosy Yazykoznaniya, No 5,  
1960, pp 85-88.

JPRS 6588

Translation of Russian Texts Into Latin  
Letters, by A. A. Reformat'skiy, 20 pp.  
RUSSIAN, per, Voprosy Yazykoznaniya, No 5,  
1960, pp 96-103.

JPRS 6588

Scientific  
Miscellaneous (Contd)

Description of the Case System of the  
Russian Noun, by Ye. V. Paducheva, 13 pp.  
RUSSIAN, per, Voprosy Yazykoznaniiya, No 5,  
1960, pp 104-111.

JPRS 6538

Phonation of the Word and Its Semantics,  
by A. I. Smirnitkiy, 10 pp.  
RUSSIAN, per, Voprosy Yazykoznaniiya, No 5,  
1960, pp 112-116.

JPRS 6588

Cybernetics Today, by V. Chavchanidze, 4 pp.  
RUSSIAN, np, Zarya Vostoka, 10 Jun 1960, p 2.

JPRS 6411

Accomplishments in Scientific Technology in  
the DPRK, by Paek Nam-un, (NY-5740).  
CHINESE, per, K'o-hsueh Hsin-wen, No 24,  
14 Aug 1959, pp 2-5.

\*JPRS

How We Undertook a Tremendous Program of  
Scientific Research, by Tsou Kuang-hsing,  
9 pp.  
CHINESE, per, Wu-li T'ung-pao, No 5, 1960,  
pp 224, 225, 217.

JPRS 5838

Technical Languages and Technical Words as  
a Problem in Documentation and Translation,  
by R. W. Jumpelt.  
GERMAN, per, Sprachforum, Vol III, No 1,  
1958, pp 1-13.

TIL T 4962

Session of the University of Agrarian Sci-  
ences, by Laszlo Szekeres, 5 pp.  
HUNGARIAN, per, Felsooktatasi Szemle, Vol IX,  
No 7/8, 1960, pp 488-491.

JPRS 4220

News of Higher Education, 7 pp.  
HUNGARIAN, per, Felsooktatasi Szemle, Vol IX,  
No 7/8, 1960, pp 512-517.

JPRS 4220

Review of the Activities of the Hungarian  
Academy of Sciences, 6 pp.  
HUNGARIAN, per, Magyar Tudomány, No 8, 1960,  
pp 491-494.

JPRS 4220

Scientific  
Miscellaneous (Contd)

Conference of Mathematicians and Physicists, by Gyorgy Kesaly, 4 pp.  
HUNGARIAN, per, Magyar Tudomány, No 8, 1960, pp 497-499.

JPRS 4220

New Doctors and Doctorate Candidates, 4 pp.  
HUNGARIAN, per, Magyar Tudomány, No 8, 1960, pp 501-503.

JPRS 4220

Conference of Rumanian Academy of Sciences on Electronic Computers, by Istvan Aczel, 4 pp.  
HUNGARIAN, per, Magyar Tudomány, Vol V, No 9, 1960, pp 554-557.

JPRS 4258

New Developments, Problems, and Evaluations in the Operations of the Hungarian Academy of Sciences, by Ferenc Erdei, 32 pp.  
HUNGARIAN, per, Magyar Tudomány, Vol LXVII, No 5/6, 1960, pp 299-326.

JPRS 6442

Departmental Meetings at the General Assembly of the Hungarian Academy of Sciences, 4 pp.  
HUNGARIAN, per, Magyar Tudomány, Vol LXVII, No 5/6, 1960, pp 341-343.

JPRS 6442

Presentation of Awards at the CXX General Assembly of the Hungarian Academy of Sciences, 5 pp.  
HUNGARIAN, per, Magyar Tudomány, Vol LXVII, No 5/6, 1960, pp 343-346.

JPRS 6442

Resolutions Adopted at the CXX General Assembly of the Hungarian Academy of Sciences, 5 pp.  
HUNGARIAN, per, Magyar Tudomány, Vol LXVII, No 5/6, 1960, pp 346-348.

JPRS 6442

Technological Innovation in Communist China, by Hiroichi (Hirokazu) Matsumoto, (NY-5712).  
JAPANESE, per, Ekafe Tsushin, No 248, 1 Dec 1960, pp 25-40.

\*JPRS

**Scientific  
Miscellaneous (Contd)**

Scientific Development in Our Country  
During the 15 Years Since Liberation,  
by Paek Nam-un, 15 pp.  
KOREAN, per, Chosun Minju Chnui Inmin  
Konghwaguk Kwahakwon Tongbo, No 4, 1 Aug  
1960, pp 1-9.

JPRS 7135

Development in Technical Sciences During  
the Past Fifteen Years, by Kim Tong-mo,  
15 pp.  
KOREAN, per, Chosun Minju Chnui Inmin  
Konghwaguk Kwahakwon Tongbo, No 4, 1 Aug  
1960, pp 10-17.

JPRS 7135

Review of Scientific Research Conducted  
by the Institute of Chemistry of the  
Korean Academy of Sciences During 1959,  
3 pp.  
KOREAN, per, Kwahakkwa Hwahak Kongop,  
Vol IV, No 2, 7 Mar 1960, pp 47, 48.

JPRS 7135

Report on the General Assembly of the  
Ukrainian Academy of Sciences, 41 pp.  
UKRAINIAN, per, Dopovidi Ak Nauk Uk RSR,  
No 6, 1960, pp 840-857.

JPRS 7246

Review of Reports Delivered at the Plenary  
Meeting of the Session of General Assem-  
blies of the Ukrainian Academy of Agri-  
cultural Sciences and at the General As-  
semblies of the Departments of the Academy,  
46 pp.  
UKRAINIAN, per, Visnyk Sil's'kohospodars'koyi  
Nauky, Vol XXX, No 5, 1960, pp 72-88.

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(Received during January)

<u>Astronomicheskiy Zhurnal</u> , Vol XXXVII, No 3, 1960.	AIP Sov Astron - AJ Vol V, No 3
<u>Avtomatika i Telemekhanika</u> , Vol XXI, No 5, 6, 1960.	ISA
<u>Byulleten' Eksperimental'noi Biologii i Meditsiny</u> , Vol XLIX, No 5, 6, 1960.	CB
<u>Doklady Akademii Nauk SSSR</u> , Biological Sciences Section, Vol CXXX, No 1-6, Vol CXXXI, No 1-6, 1960.	AIBS
<u>Doklady Akademii Nauk SSSR</u> , Biochemistry Section, Vol CXXXI, No 1-6, Vol CXXXII, No 1-6, 1960.	AIBS
<u>Entomologicheskoy Obozreniy</u> , Vol XXXIX, No 1, 2, 1960.	AIBS
<u>Fizika Metallov i Metallovedeniye</u> , Vol VIII, No 4, 6, 1959.	PP
<u>Fizika Tverdogo Tela</u> , Vol II, No 1-6, 1960.	AIP Sov Phys-Solid State Vol II, No 1-6
<u>Fiziologicheskoy Zhurnal SSSR imeni I. M. Sechenova</u> , Vol XLVI, No 6, 7, 1960.	PP
<u>Izmeritel'naya Tekhnika</u> , No 3-5, 1960.	ISA
<u>Izvestiya Akademii Nauk SSSR, Seriya Fizi- cheskaya</u> , Vol XXIII, No 12, 1959.	Columbia Tech
<u>Izvestiya Akademii Nauk SSSR, Seriya Geofizi- cheskaya</u> , No 5, 6, 1960.	AGU
<u>Izvestiya Akademii Nauk SSSR, Seriya Geologi- cheskaya</u> , No 5, 1959.	AGI
<u>Izvestiya Vysshikh Uchebnykh Zavedeniy, MVO SSSR, Seriya Radiotekhnika</u> , Vol II, No 6, 1959.	JPRS 5416

<u>Mikrobiologiya</u> , Vol XXIX, No 3, 1960.	AIBS
<u>Pribory i Tekhnika Eksperimenta</u> , No 2, 1960.	ISA
<u>Prikladnaya Matematika i Mekhanika</u> , Vol XXIV, No 2, 1960.	PP
<u>Problemy Gematologii i Perelivaniya Krovi</u> , Vol V, No 6, 7, 1960.	PP
<u>Radiotekhnika</u> , Vol XV, No 6, 1960.	PP
<u>Radiotekhnika i Elektronika</u> , Vol IV, No 10, 1959.	PP
<u>Teoriya Veroyatnostey i Yeye Primeneniya</u> , Vol IV, No 3, 1959.	SIAM
<u>Tsvetnyye Metally</u> , No 6, 1960.	PS
<u>Uspekhi Khimii</u> , No 3, 1960.	Cleaver-Hume Press
<u>Vestnik Svyazi</u> , No 12, 1947.	JPRS 6477
<u>Vestnik Svyazi</u> , No 11, 1948.	JPRS 6447
<u>Vestnik Svyazi</u> , No 1, 1952.	JPRS 6490
<u>Vestnik Svyazi</u> , No 7, 1957.	JPRS 7030
<u>Vestnik Svyazi</u> , No 7, 1958.	JPRS 7012
<u>Vestnik Svyazi</u> , No 9, 1959.	JPRS 7004
<u>Vestnik Svyazi</u> , No 7, 1960.	JPRS 5918
<u>Voyenno-Meditsinskiy Zhurnal</u> , No 8, 1960.	JPRS 7609
<u>Zavodskaya Laboratoriya</u> , Vol XXVI, No 2-4, 1960.	ISA
<u>Zhurnal Eksperimental'noy i Teoreticheskoy Fiziki</u> , Vol XXXVIII, No 6, 1960.	AIP Sov Phys-JETP Vol XI, No 6
<u>Zhurnal Eksperimental'noy i Teoreticheskoy Fiziki</u> , Vol XXXIX, No 1 (7), 1960.	AIP Sov Phys-JETP Vol XII, No 1

Zhurnal Fizicheskoy Khimii, Vol XXXIV,  
No 4, 5, 1960.

Cleaver-Hume Press

Zhurnal Neorganicheskoy Khimii, No 4, 5,  
1960.

Cleaver-Hume Press

Zhurnal Obshchey Khimii, Vol XXX, No 1,  
1960.

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Zhurnal Prikladnoy Khimii, Vol XXX, No 1,  
1960.

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Central Intelligence Agency



Washington, D.C. 20505

7 September 2004

Ms. Roberta Schoen  
Deputy Director for Operations  
Defense Technical Information Center  
7725 John J. Kingman Road  
Suite 0944  
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the "Non-NIS" referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

A handwritten signature in dark ink, appearing to read "Sergio N. Alcivar".

Sergio N. Alcivar  
Chief, CIA Declassification Center,  
Declassification Review and Referral  
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)

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## Processing of OGA-Held CIA Documents

The following CIA documents located at DTIC were reviewed  
by CIA and declassification guidance has been provided.

OGA Doc ID	Job Num	Box	Fldr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0834505	78-03109A	49	1	1	36	Consolidated Translation Survey For December 1960	12/1/1960	240	Approved For Release	3/25/2004
AD0834506	78-03109A	49	1	2	37	Consolidated Translation Survey For January 1961	1/1/1961	318	Approved For Release	3/25/2004
AD0834340	78-03109A	49	1	3	38	Consolidated Translation Survey For February 1961	2/1/1961	363	Approved For Release	3/25/2004
AD0834341	78-03109A	49	1	4	39	Consolidated Translation Survey For March 1961	3/1/1961	206	Approved For Release	3/25/2004
AD0834342	78-03109A	49	1	5	40	Consolidated Translation Survey For April 1961	4/1/1961	411	Approved For Release	3/25/2004
AD0834343	78-03109A	49	1	6	41	Consolidated Translation Survey For May 1961	5/1/1961	327	Sanitized	3/25/2004
AD0834344	78-03109A	49	1	7	42	Consolidated Translation Survey For June 1961	6/1/1961	364	Approved For Release	3/25/2004
AD0834345	78-03109A	49	1	8	43	Consolidated Translation Survey For July 1961	7/1/1961	303	Approved For Release	3/25/2004
AD0834346	78-03109A	50	1	1	44	Consolidated Translation Survey For August 1961	8/1/1961	349	Approved For Release	3/25/2004
AD0834347	78-03109A	50	1	2	45	Consolidated Translation Survey For September 1961	9/1/1961	299	Approved For Release	3/25/2004
AD0834348	78-03109A	50	1	3	46	Consolidated Translation Survey For October 1961	10/1/1961	252	Approved For Release	3/25/2004
AD0834349	78-03109A	50	1	4	47	Consolidated Translation Survey For November 1961	11/1/1961	285	Approved For Release	3/25/2004
AD0834350	78-03109A	50	1	5	48	Consolidated Translation Survey For December 1961	12/1/1961	362	Approved For Release	3/25/2004
AD0834351	78-03109A	50	1	6	49	Consolidated Translation Survey For January 1962	1/1/1962	341	Approved For Release	3/25/2004
AD0834352	78-03109A	50	1	7	50	Consolidated Translation Survey For February 1962	2/1/1962	323	Approved For Release	3/25/2004
AD0834353	78-03109A	51	1	1	51	Consolidated Translation Survey For March 1962	3/1/1962	401	Approved For Release	3/25/2004
AD0834354	78-03109A	51	1	2	52	Consolidated Translation Survey For April 1962	4/1/1962	423	Approved For Release	3/25/2004
AD0834355	78-03109A	51	1	3	53	Consolidated Translation Survey For May 1962	5/1/1962	387	Approved For Release	3/25/2004
AD0834356	78-03109A	51	1	4	54	Consolidated Translation Survey For June 1962	6/1/1962	391	Approved For Release	3/25/2004
AD0834357	78-03109A	51	1	5	55	Consolidated Translation Survey For July 1962	7/1/1962	396	Approved For Release	3/25/2004
AD0834358	78-03109A	51	1	6	56	Consolidated Translation Survey For August 1962	8/1/1962	475	Approved For Release	3/25/2004
AD0834359	78-03109A	52	1	1	57	Consolidated Translation Survey For September 1962	9/1/1962	245	Approved For Release	3/25/2004
AD0834360	78-03109A	52	1	2	58	Consolidated Translation Survey For October 1962	10/1/1962	228	Approved For Release	3/25/2004
AD0834361	78-03109A	52	1	3	59	Consolidated Translation Survey For November 1962	11/1/1962	274	Approved For Release	3/25/2004
AD0834362	78-03109A	52	1	4	60	Consolidated Translation Survey For December 1962	12/1/1962	265	Approved For Release	3/25/2004
AD0834363	78-03109A	52	1	5	61	Consolidated Translation Survey For January 1963	1/1/1963	270	Approved For Release	3/25/2004